



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
 DEP13950

PAGE  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 CHUCK BOWMAN  
 304-558-2157

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

ENVIRONMENTAL PROTECTION  
 DEPARTMENT OF  
 VARIOUS LOCALES AS INDICATED  
 BY ORDER

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
08/17/2007				
BID OPENING DATE: 08/28/2007		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 2		
				ADDENDUM ISSUED FOR DEP LANDFILL MOWING AND MAINTENANCE IN REGIONS I, II, & III, AS A RESULT OF THE MANDATORY PRE-BID MEETING OF AUGUST 14, 2007. ADDENDUM INCLUDES PRE-BID SIGN-IN SHEET, THREE PAGES OF QUESTION/ANSWERS RESULTING FROM THE PRE-BID MEETING, REVISED REGION I BID SCHEDULE, TWO PAGES OF REVISED ATTACHMENT "A", AND LANDFILL MAPS OF REGION I, II, & III AS DISTRIBUTED AT THE PRE-BID MEETING.  PLEASE NOTE: THE REQUIREMENT OF A WV CONTRACTOR'S LICENSE HAS BEEN REMOVED FROM THIS RFQ. AS STATED IN THE Q&A ENCLOSED, THE INSURANCE REQUIREMENTS REMAIN.  BID OPENING DATE AND TIME HAVE BEEN EXTENDED FROM 08/23/07 TO 08/28/07 @ 1:30 PM.  ***** NO OTHER CHANGES *****		
0001		JB		988-36		
	1			1		
	GROUNDS MAINTENANCE					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS  
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

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**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

**SIGNED BID TO:**

Department of Administration  
Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130

MANDATORY PRE-BID SIGN-IN ATTENDANCE SHEET 002

RFQ # : DEP 13950  
 Project: Landfill Mowing

Bid Date: 8/23/07  
 Pre-Bid Date: 8/14/07

Name : Clyde Bennett  
 Company: WV DEP  
 Address: 717 MAIN ST  
Summersville WV

Phone #: 389-8180  
 Fax #: 872-3800  
 Email : \_\_\_\_\_

Name : Paul Benedum  
 Company: WV DEP  
 Address: 2031 Pleasant Valley Rd  
Farmington WV 26554

Phone #: 940-0243  
 Fax #: 368-3993  
 Email : \_\_\_\_\_

Name : Dan's + Harry Richards  
 Company: DR Contracting  
 Address: RT 7 Box 93D Fayetteville

Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_  
 Email : \_\_\_\_\_

Name : Patsy Holcomb  
 Company: MTR  
 Address: 7000 EBBAWON Rd  
EBBAWON WV 26203

Phone #: 304-226-3793  
 Fax #: 304-226-3047  
 Email : mountain Technology @  
frontier.net.net

Name : Mark Church  
 Company: WV DEP  
 Address: 717 A Main St.  
Summersville WV

Phone #: 545-0793  
 Fax #: 872-3800  
 Email : \_\_\_\_\_

Name : Mark Cline  
 Company: WV DEP  
 Address: 601 57th Street SE  
Charleston, WV 25304

Phone #: -926-0499  
 Fax #: -926-0452  
 Email : mcline@wvdep.org

Name : Dogwood Acres Down B  
 Company: Dogwood Acres  
 Address: HC 65 Box 43A  
Hutton WV 26627

Phone #: 304-765-7030  
 Fax #: 304-765-5653  
 Email : \_\_\_\_\_

Name : Ronald Burroughs  
 Company: Dogwood Acres  
 Address: HC 65 Box 43-A  
Hutton WV 26627

Phone #: 304-765-7030  
 Fax #: 304-765-5653  
 Email : \_\_\_\_\_

MANDATORY PRE-BID SIGN-IN ATTENDANCE SHEET

003

RFQ # : DEP13950  
 Project: Lindfill Mining

Bid Date: 8/23/07  
 Pre-Bid Date: 8/14/07

Name : Charles E Vance  
 Company: Charles Vance Contractor  
 Address: P.O. Box 392  
Genese WV 25676  
304-235-5468

Phone #: \_\_\_\_\_  
 Fax # : \_\_\_\_\_  
 Email : \_\_\_\_\_

Name : Sharon R. Simmons  
 Company: TRC Property Maint. Inc.  
 Address: P.O. Box 641  
Tenays w - 25569

Phone #: 757-1508  
 Fax # : 757-1508  
 Email : TRC Pro Maint @ yahoo.com

Name : Deivven Davis  
 Company: ASTech CORP  
 Address: 1601 COONSKIN  
DR CHAR WV  
25311

Phone #: 304-342-0545  
 Fax # : 342-3972  
 Email : \_\_\_\_\_

Name : Randy Copple  
 Company: Copple Reclamation  
 Address: PO Box 13015  
Summersville WV  
26760

Phone #: 984-1115  
 Fax # : 984-2770  
 Email : Randy Copple on earthlink.net

Name : NANCY S. SOMERS  
 Company: MIDWAY RECLAMATION LLC  
 Address: P.O. BOX 308  
WEST MILFORD, WV 26451

Phone# : 304-745-3652  
 Fax # : 304-745-3653  
 Email : \_\_\_\_\_

Name : Gary Shaffer  
 Company: G.R. Shaffer  
 Address: HC 62 Box 9  
Advent WV  
25231

Phone# : 304-988-2111  
 Fax # : 304-988-9488  
 Email : \_\_\_\_\_

Name : Mike/Kristi Shisler  
 Company: ABLE Construction LLC  
 Address: HC 82 Box 203A  
Marlinton WV  
24954

Phone# : 3047994630  
 Fax # : SAME  
 Email : ableconstructionllc@yahoo.com

Name : Phyllis Carpenter  
 Company: F&B Excavating  
 Address: 333-A Coal rd  
Chas WV 25312

Phone# : \_\_\_\_\_  
 Fax # : \_\_\_\_\_  
 Email : \_\_\_\_\_

**Addendum #2****Pre-bid for DEP13950 - August 14, 2007 @ 10:00 a.m.**

Q. As the contractor, Contractor's license, Workers compensation, Insurance is required. Does a subcontractor require a contractor's license, Workers Comp and Insurance?

***A. The requirement of a West Virginia Contractor's license has been removed by the West Virginia Purchasing Division. Therefore, the prime and all subcontractors will not be required to have a contractor's license. The requirement of Workers' Compensation, Public Liability and Comprehensive Vehicle Liability Insurance remains in effect.***

Q. Will certified payrolls be required and can these certified payrolls be obtained under the Freedom of Information Act?

*A. Yes they are required and they are FOIAable.*

Q. What is the time frame for completing the work?

*A. Completed October 31 or later if weather prevails.*

Q. Will payment be based on actual acres mowed or acres on the bid? What If I mow 15 acres and the bid shows 10 acres?

*A. Contractor will be paid only the acreage number on bid sheet.*

Q. Should the mowing of brush in the ditches, along side the roads, inside fenced areas, around vents & cleanouts and monitoring wells be included in your per acre bid?

*A. Yes, these areas were included in the acreage estimate.*

Q. Picking up trash how much (cigarette butts, beer cans) and over how large of an area?

*A. Over the area mowed, pop can and larger.*

Q. What % of the ditches have brush in them and how can this brush be disposed of?

*A. The brush must be disposed of or composted on property or chipped. Region 1 has 15%, Region 2 has 50% and Region 3 has 25% of the ditches with brush in them.*

Q. Do the very steep areas have to be mowed? There are areas on Marion Co., Morgantown, Fayette Co. that are very steep.

*A. Everything on the cap must be mowed. If the area is too steep for equipment, use weed eater.*

**Addendum #2 (cont.)****Pre-bid for DEP13950 - August 14, 2007 @ 10:00 a.m.**

- Q. Do diversion berms that you can't get a piece of equipment over have to be mowed?  
A. *Yes, weed eater and chain saw*
- Q. Will you provide maps to all Landfills?  
A. *Yes*
- Q. Some landfills have erosion gullies. How close do you have to mow to these?  
A. *All vegetation must be mowed, may have to weed eat close areas.*
- Q. Do you have to mow wet areas that a tractor won't go across and how far down the sides of the sediment pond banks do you have to mow?  
A. *All vegetation must be mowed, may have to use a weed eater.*
- Q. Do you have to weed eat around fences?  
A. *Yes, there should be a 3 foot wide walk path on the outside of the fence too.*
- Q. Inside the fenced areas do you have to mow and spray?  
A. *Yes, mow all inside fences and spray.*
- Q. How do you identify the cap area? Some landfills don't have diversion ditches surrounding the cap. In the past it was understood that areas outside the cap area would be mowed.  
A. *See drawings*
- Q. The contract has the potential for renewing for up to two additional years, if fuel prices increase or wages increase will the contractor get an increase in contract price?  
A. *No, same prices only.*
- Q. Does the acreage listed in the contract include the fence and road area?  
A. *Yes, roads and fences are calculated into the square feet.*
- Q. If there is vegetation in the settling ponds, does it need cut?  
A. *If the vegetation is in the water, it can be left alone. If the pond is dry, it must be cut. For a pond with water, mowing should be done to the waterline.*
- Q. Is a performance bond required?  
A. *No.*

**Addendum #2 (cont.)****Pre-bid for DEP13950 - August 14, 2007 @ 10:00 a.m.**

Q. If the landfill is in a city, does the contractor need to pay B&O Taxes?

A. *Yes. Also, if a permit is needed, the contractor will be responsible for getting it.*

Q. Does a gravel road need sprayed if it is weeded over?

A. *Yes.*

Q. Can the landfills be mowed any day of the week?

A. *Yes, but give the Project Manager a few days notice before doing so.*

Q. Can you bill per facility?

A. *Yes.*

Q. Does the contractor need to wait one year between mowings?

A. *No*

Bid Sheet  
#DEP13950  
Department of Environmental Protection  
Office of Environmental Remediation  
Landfill Closure Assistance Program

**REVISED PER ADDENDUM #2**  
**Landfill Mowing Region One**

<u>Item No.</u>	<u>Description</u>		<u>Unit Price</u>	<u>Amount</u>
0001	Mowing & weed-eating (\$/Ac)	174 AC	_____ / acre	_____
0002	Road spraying (\$/LF)	35,300 LF	_____ / LF	_____

**Total Project Cost =** \_\_\_\_\_

Company Name \_\_\_\_\_

Name (printed) \_\_\_\_\_ Title \_\_\_\_\_

Address: \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_



Attachment A  
**REVISED PER ADDENDUM #2**

Listed below are the LCAP facilities and approximate areas to be mowed and sprayed

Region One Includes:	Mowing	Road Spraying
1. Big Bear Lake Landfill	3 acres	1500 LF
2. City of Buckhannon Landfill	8 acres	2600 LF
3. City of Clarksburg Landfill	10 acres	2000 LF
4. City of Kingwood Landfill	15 acres	6800 LF
5. Marion County Landfill	40 acres	5900 LF
6. Monongalia County Landfill	18 acres	3000 LF
7. <b>City of Morgantown Landfill</b>	<b>15 acres</b>	<b>1900 LF</b>
8. City of Moundsville Landfill	15 acres	3200 LF
9. Preston County / Rehe Landfill	20 acres	3000 LF
10. <u>City of Wheeling Landfill</u>	<u>30 acres</u>	<u>5400 LF</u>
Approximate Totals	174 acres	35,300 LF

Region Two Includes:	Mowing	Road Spraying
1) Berkeley County Landfill	30 acres	5800 LF
2) Capon Springs Landfill	5 acres	1260 LF
3) Fayette County Landfill	15 acres	1500 LF
4) Grant County / Petersburg Landfill	15 acres	2500 LF
5) Hampshire County Landfill	10 acres	2500 LF
6) Jefferson County Landfill	30 acres	3500 LF
7) McDowell County Landfill	15 acres	4800 LF
8) City of Montgomery Landfill	13 acres	2500 LF
9) Morgan County Landfill	20 acres	3600 LF
10) <u>Wyoming County Landfill</u>	<u>15 acres</u>	<u>600 LF</u>
Approximate Totals	168 acres	28,560 LF

Attachment A Continued  
REVISED PER ADDENDUM #2

<u>Region Three Includes:</u>	<u>Mowing</u>	<u>Road Spraying</u>
1) Central WV Refuse Landfill	12 acres	5100 LF
2) Don's Disposal Landfill	24 acres	4100 LF
3) ERO Landfill	30 acres	6500 LF
4) Fleming Landfill	22 acres	1400 LF
5) Jackson County Landfill	23 acres	3000 LF
6) Kanawha Western Landfill	21 acres	2400 LF
7) Mingo County Landfill	10 acres	3100 LF
8) Pine Creek / Omar Landfill	12 acres	2000 LF
9) City of South Charleston Landfill	7 acres	2000 LF
Approximate Totals	160 acres	29,600 LF

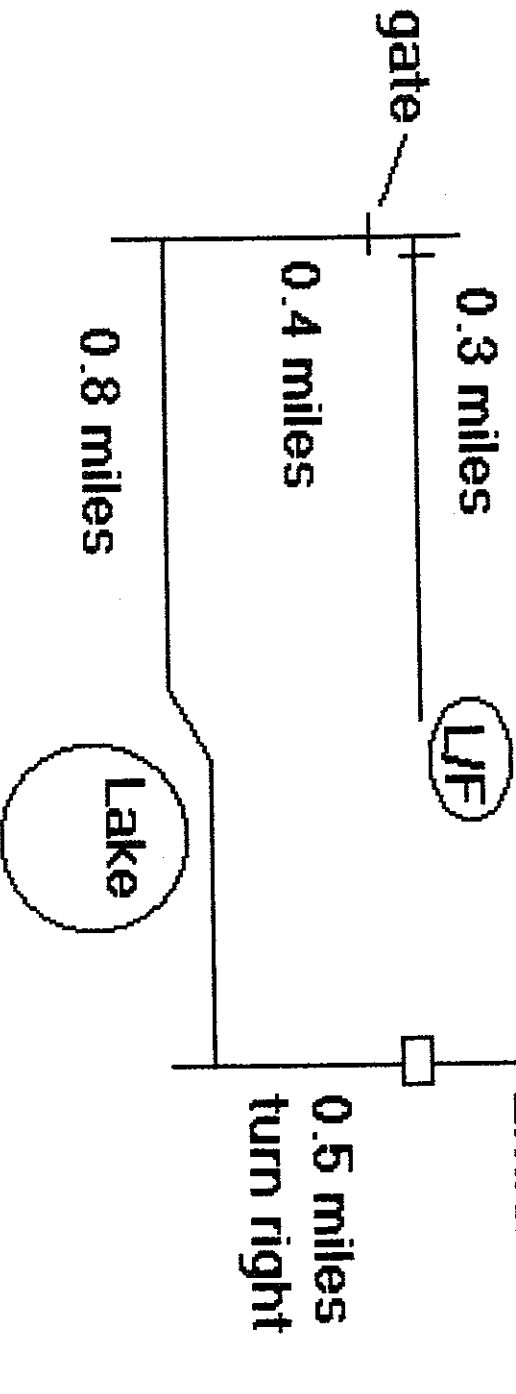
# REGION 1

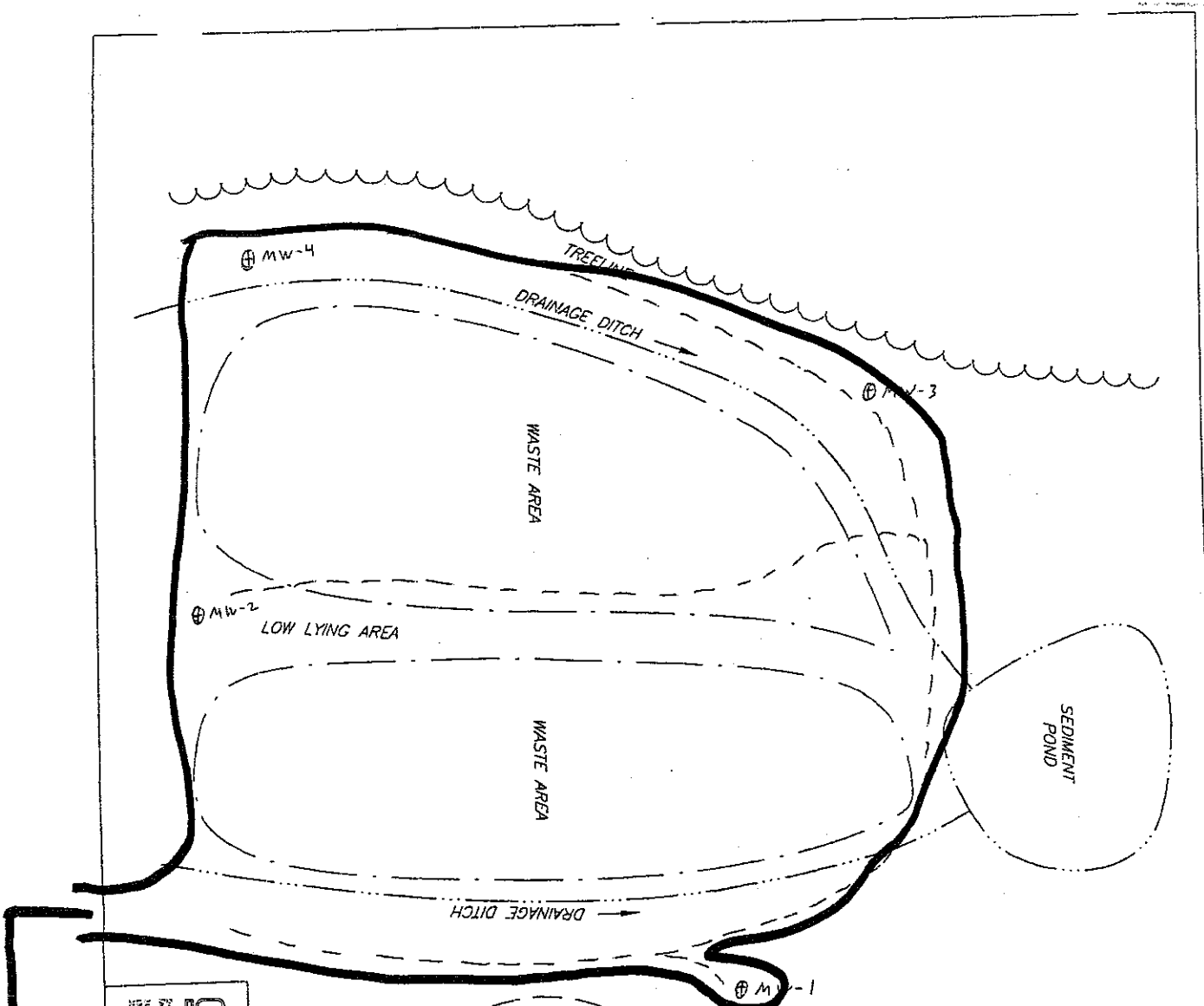
< Morgantown

I-68 Hazelton Exit

MD >

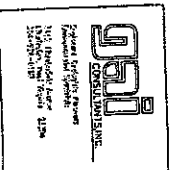
**DIRECTIONS TO:  
BIG BEAR LAKE  
LANDFILL**





# Big Bear Lake

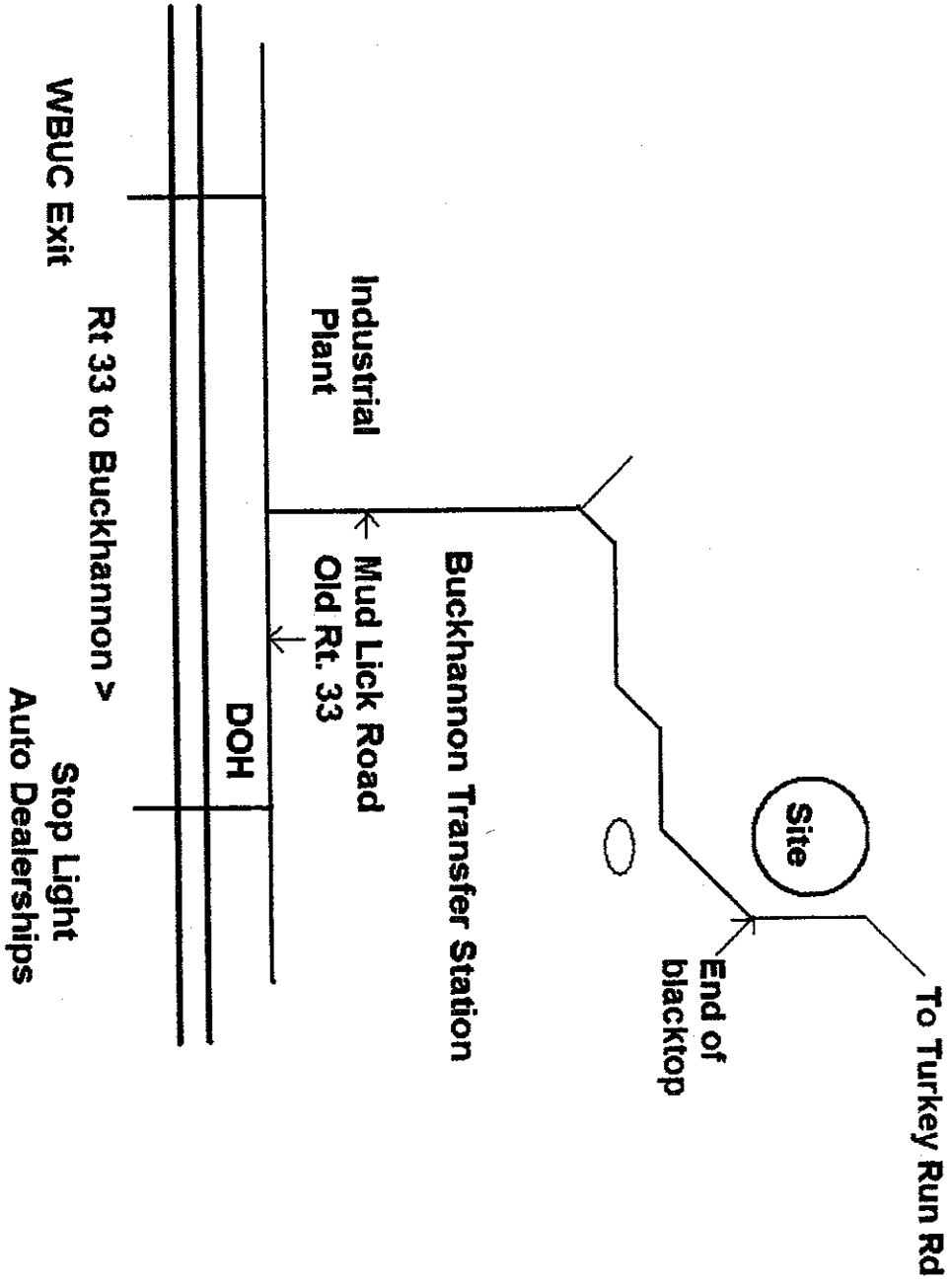
- Note:
1. 4 new wells were installed in 2004.
  2. All weather access roads have been installed to each well.
  3. Original drawing created by GAI in 2001.
  4. Site corrections for 2006 update created by WV DEP LCAP.



FACILITY LAYOUT MAP BIG BEAR LAKE LANDFILL, PRESTON COUNTY, WEST VIRGINIA		DWN. ETC. APPD. CSB DATE	CHKD. DATE
WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION CHARLESTON, WEST VIRGINIA		SCALE: NOT TO SCALE DRAWING NUMBER 2000-378-B3	

To gate 1/4 mile

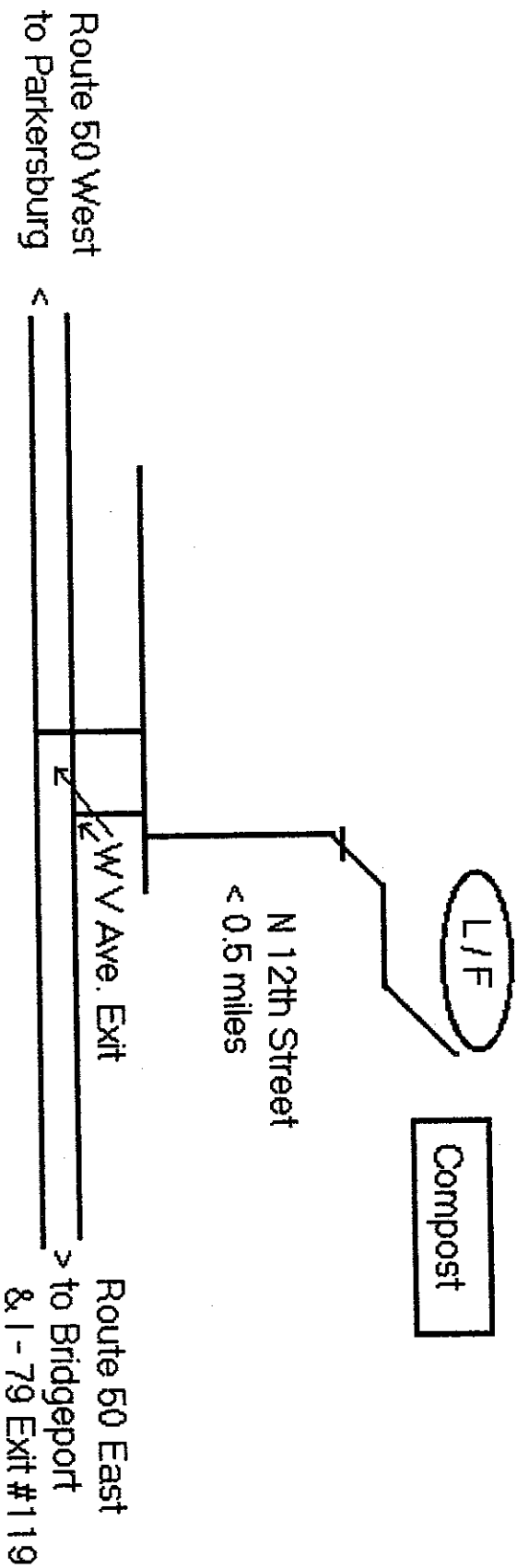
### City of Buckhannon Landfill



Stop Light  
Auto Dealerships

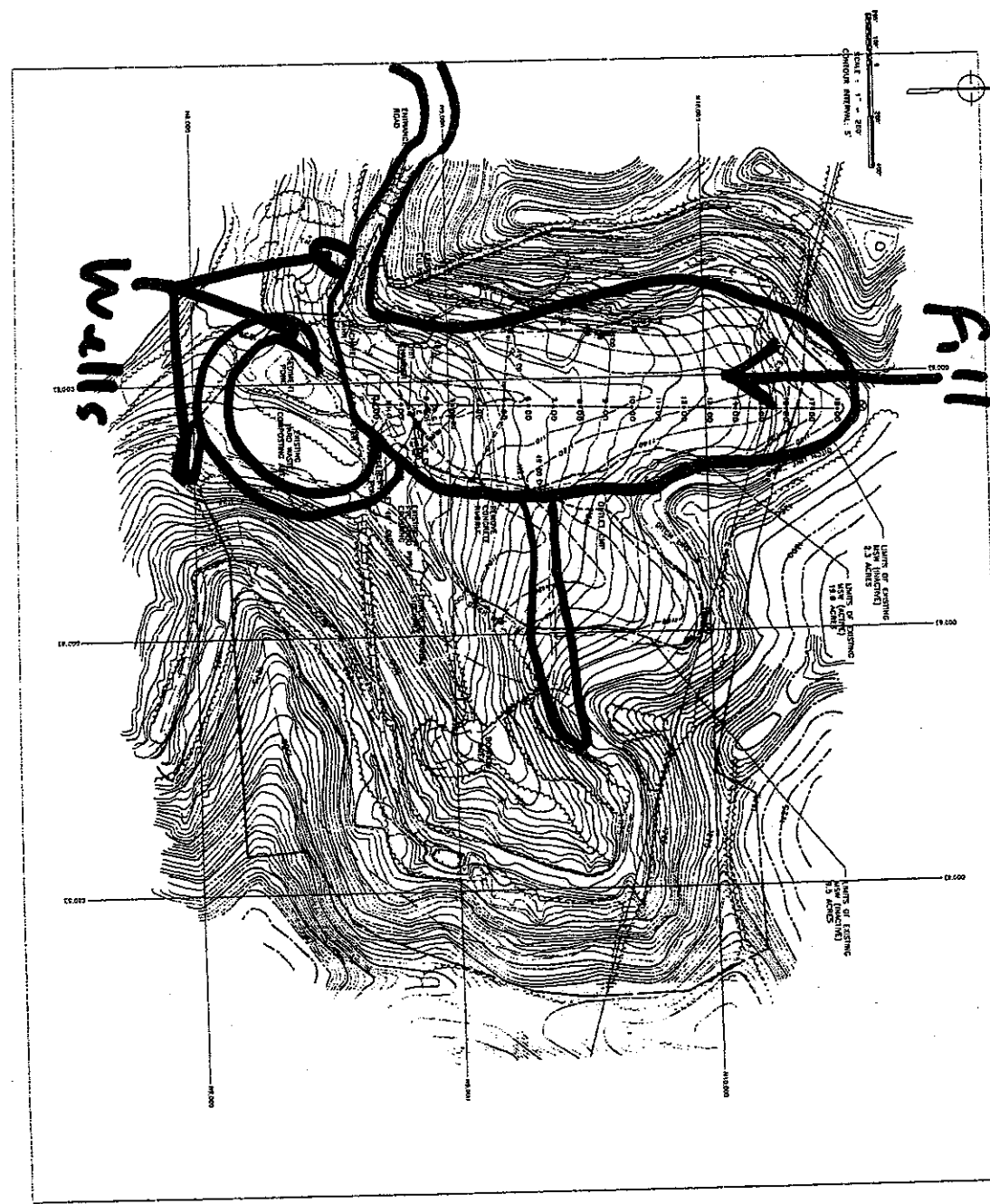


### Directions to City of Clarksville Closed Landfill & Compost Site





# Clarksburg



DATE PLOT 08-31-1911 / 02 1911

ENGINEER  
 JOHN H. CLARK, JR.  
 CIVIL ENGINEER  
 100 WEST MAIN STREET, CLARKSBURG, W. VA. 26301

NO.	DESCRIPTION	DATE	BY
1	PRELIMINARY PLAN	8-31-11	JHC
2	REVISION	9-15-11	JHC
3	REVISION	10-1-11	JHC
4	REVISION	10-15-11	JHC
5	REVISION	10-25-11	JHC
6	REVISION	11-1-11	JHC
7	REVISION	11-15-11	JHC
8	REVISION	11-25-11	JHC
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156	REVISION	1-5-16	JHC
157	REVISION	1-15-16	JHC
158	REVISION	1-25-16	JHC
159	REVISION	2-5-16	JHC
160	REVISION	2-15-16	JHC
161	REVISION	2-25-16	JHC
162	REVISION	3-5-16	JHC
163	REVISION	3-15-16	JHC
164	REVISION	3-25-16	JHC
165	REVISION	4-5-16	JHC
166	REVISION	4-15-16	JHC
167	REVISION	4-25-16	JHC
168	REVISION	5-5-16	JHC
169	REVISION	5-15-16	JHC
170	REVISION	5-25-16	JHC
171	REVISION	6-5-16	JHC
172	REVISION	6-15-16	JHC
173	REVISION	6-25-16	JHC
174	REVISION	7-5-16	JHC
175	REVISION	7-15-16	JHC
176	REVISION	7-25-16	JHC
177	REVISION	8-5-16	JHC
178	REVISION	8-15-16	JHC
179	REVISION	8-25-16	JHC
180	REVISION	9-5-16	JHC
181	REVISION	9-15-16	JHC
182	REVISION	9-25-16	JHC
183	REVISION	10-5-16	JHC
184	REVISION	10-15-16	JHC
185	REVISION	10-25-16	JHC
186	REVISION	11-5-16	JHC
187	REVISION	11-15-16	JHC
188	REVISION	11-25-16	JHC
189	REVISION	12-5-16	JHC
190	REVISION	12-15-16	JHC
191	REVISION	12-25-16	JHC
192	REVISION	1-5-17	JHC
193	REVISION	1-15-17	JHC
194	REVISION	1-25-17	JHC
195	REVISION	2-5-17	JHC
196	REVISION	2-15-17	JHC
197	REVISION	2-25-17	JHC
198	REVISION	3-5-17	JHC
199	REVISION	3-15-17	JHC
200	REVISION	3-25-17	JHC

**KGS Consultants Inc.**  
 environmental & engineering consultants  
 100 West Main Street, Clarksburg, West Virginia  
 26301-1301  
 Phone: 304-786-2222  
 Fax: 304-786-2223  
 Email: info@kgsinc.com

Prepared by: JHC  
 Checked by: JHC  
 Date: 12/15/15

**CITY OF CLARKSBURG**  
 SANITARY LANDFILL  
 ENVIRONMENTAL STABILIZATION PLAN VIEW

- 1. CONSULTING ENGINEER TO BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ALL STRUCTURES AND EQUIPMENT TO BE PROVIDED BY THE CONTRACTOR.
- 2. ALL STRUCTURES AND EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE SEVEREST WEATHER CONDITIONS AND TO REMAIN IN FULL SERVICE FOR A PERIOD OF NOT LESS THAN FIFTY (50) YEARS.
- 3. ALL STRUCTURES AND EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE SEVEREST WEATHER CONDITIONS AND TO REMAIN IN FULL SERVICE FOR A PERIOD OF NOT LESS THAN FIFTY (50) YEARS.
- 4. ALL STRUCTURES AND EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE SEVEREST WEATHER CONDITIONS AND TO REMAIN IN FULL SERVICE FOR A PERIOD OF NOT LESS THAN FIFTY (50) YEARS.
- 5. ALL STRUCTURES AND EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE SEVEREST WEATHER CONDITIONS AND TO REMAIN IN FULL SERVICE FOR A PERIOD OF NOT LESS THAN FIFTY (50) YEARS.
- 6. ALL STRUCTURES AND EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE SEVEREST WEATHER CONDITIONS AND TO REMAIN IN FULL SERVICE FOR A PERIOD OF NOT LESS THAN FIFTY (50) YEARS.
- 7. ALL STRUCTURES AND EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE SEVEREST WEATHER CONDITIONS AND TO REMAIN IN FULL SERVICE FOR A PERIOD OF NOT LESS THAN FIFTY (50) YEARS.
- 8. ALL STRUCTURES AND EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE SEVEREST WEATHER CONDITIONS AND TO REMAIN IN FULL SERVICE FOR A PERIOD OF NOT LESS THAN FIFTY (50) YEARS.
- 9. ALL STRUCTURES AND EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE SEVEREST WEATHER CONDITIONS AND TO REMAIN IN FULL SERVICE FOR A PERIOD OF NOT LESS THAN FIFTY (50) YEARS.
- 10. ALL STRUCTURES AND EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE SEVEREST WEATHER CONDITIONS AND TO REMAIN IN FULL SERVICE FOR A PERIOD OF NOT LESS THAN FIFTY (50) YEARS.

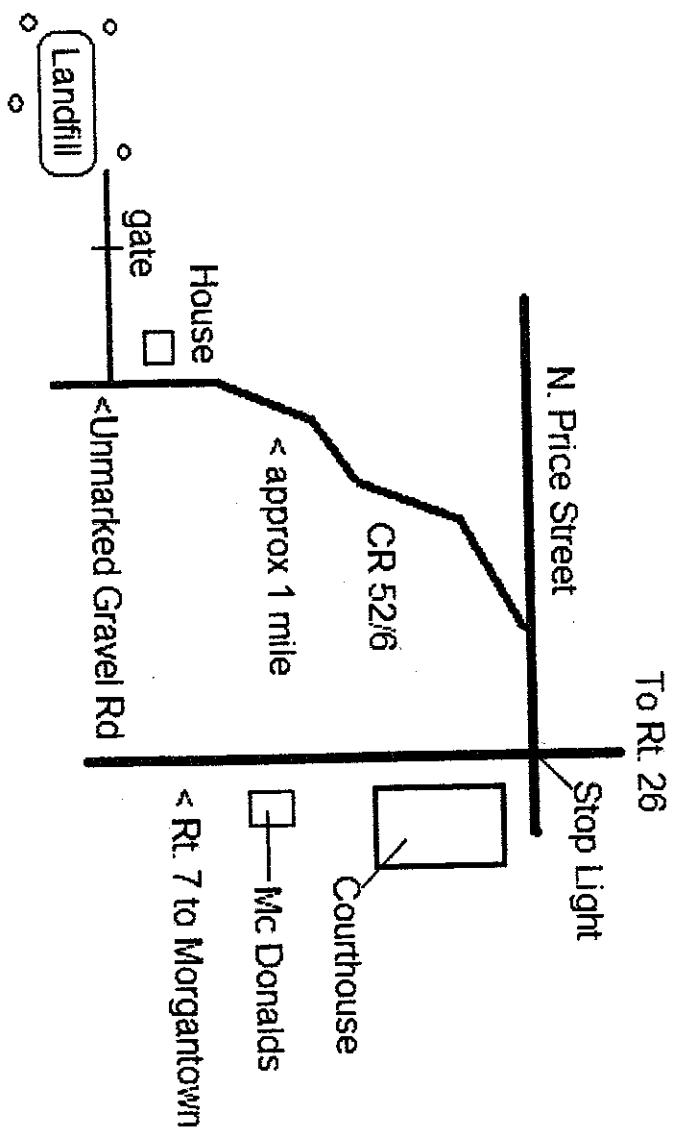
**TABLE 1**  
 LANDFILL STEEPS AS OF SEPTEMBER 20, 2001

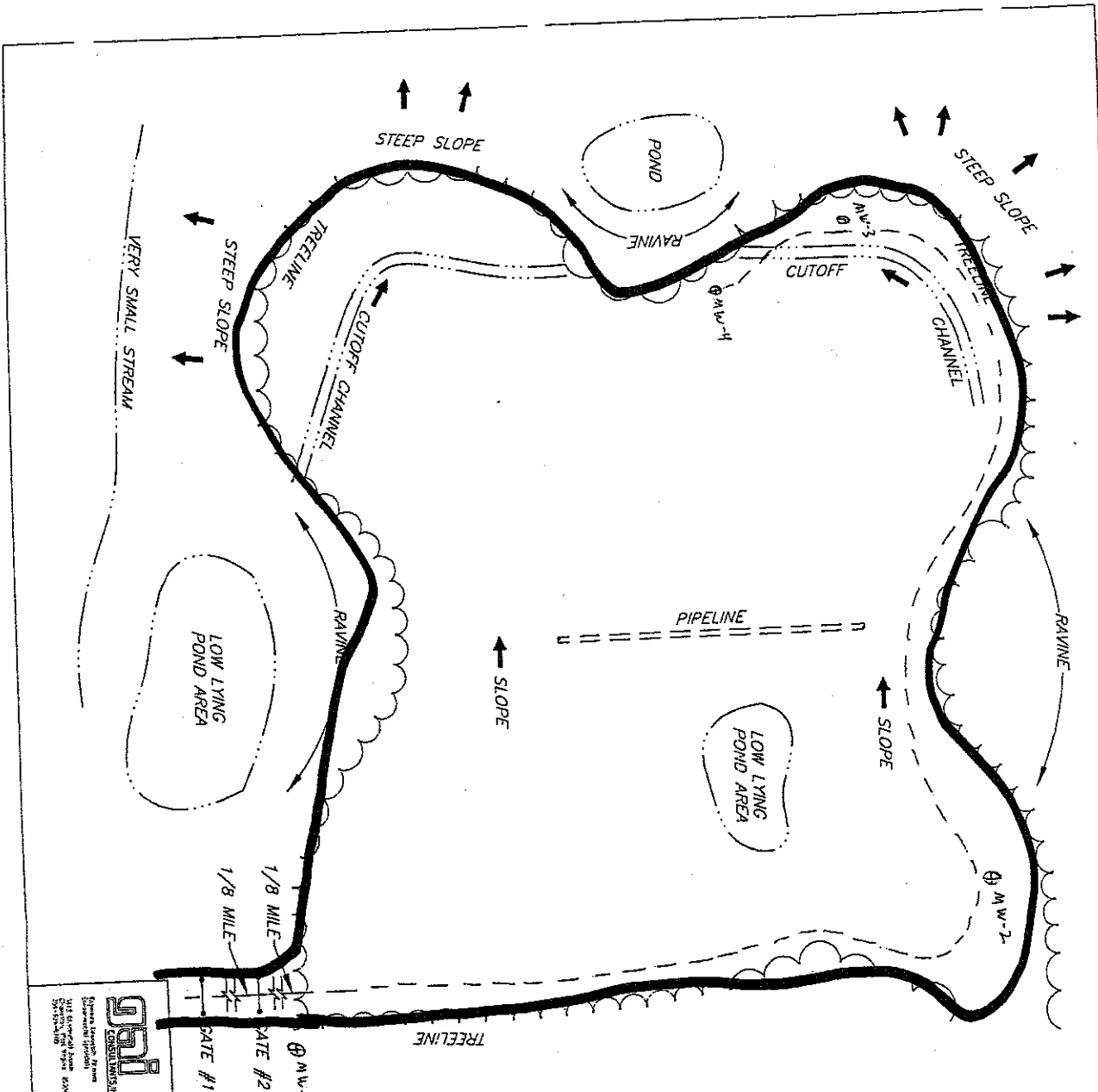
STEP ID	STATION	SLOPE	LENGTH	AREA	PERCENTAGE OF TOTAL AREA
A	1+00 TO 2+00	1:1	100	100	100
B	2+00 TO 3+00	1:1	100	100	100
C	3+00 TO 4+00	1:1	100	100	100
D	4+00 TO 5+00	1:1	100	100	100
E	5+00 TO 6+00	1:1	100	100	100
F	6+00 TO 7+00	1:1	100	100	100
G	7+00 TO 8+00	1:1	100	100	100
H	8+00 TO 9+00	1:1	100	100	100
I	9+00 TO 10+00	1:1	100	100	100
J	10+00 TO 11+00	1:1	100	100	100

**LEGEND**

- PROPOSED LINE OF
- EXISTING LINE OF
- PROPOSED 10' BENCH
- PROPOSED 20' BENCH
- PROPOSED 30' BENCH
- PROPOSED 40' BENCH
- PROPOSED 50' BENCH
- PROPOSED 60' BENCH
- PROPOSED 70' BENCH
- PROPOSED 80' BENCH
- PROPOSED 90' BENCH
- PROPOSED 100' BENCH
- PROPOSED 110' BENCH
- PROPOSED 120' BENCH
- PROPOSED 130' BENCH
- PROPOSED 140' BENCH
- PROPOSED 150' BENCH
- PROPOSED 160' BENCH
- PROPOSED 170' BENCH
- PROPOSED 180' BENCH
- PROPOSED 190' BENCH
- PROPOSED 200' BENCH
- PROPOSED 210' BENCH
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- PROPOSED 360' BENCH
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- PROPOSED 400' BENCH
- PROPOSED 410' BENCH
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- PROPOSED 460' BENCH
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- PROPOSED 630' BENCH
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- PROPOSED 870' BENCH
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- PROPOSED 890' BENCH
- PROPOSED 900' BENCH
- PROPOSED 910' BENCH
- PROPOSED 920' BENCH
- PROPOSED 930' BENCH
- PROPOSED 940' BENCH
- PROPOSED 950' BENCH
- PROPOSED 960' BENCH
- PROPOSED 970' BENCH
- PROPOSED 980' BENCH
- PROPOSED 990' BENCH
- PROPOSED 1000' BENCH

### Directions to City of Kingwood Landfill





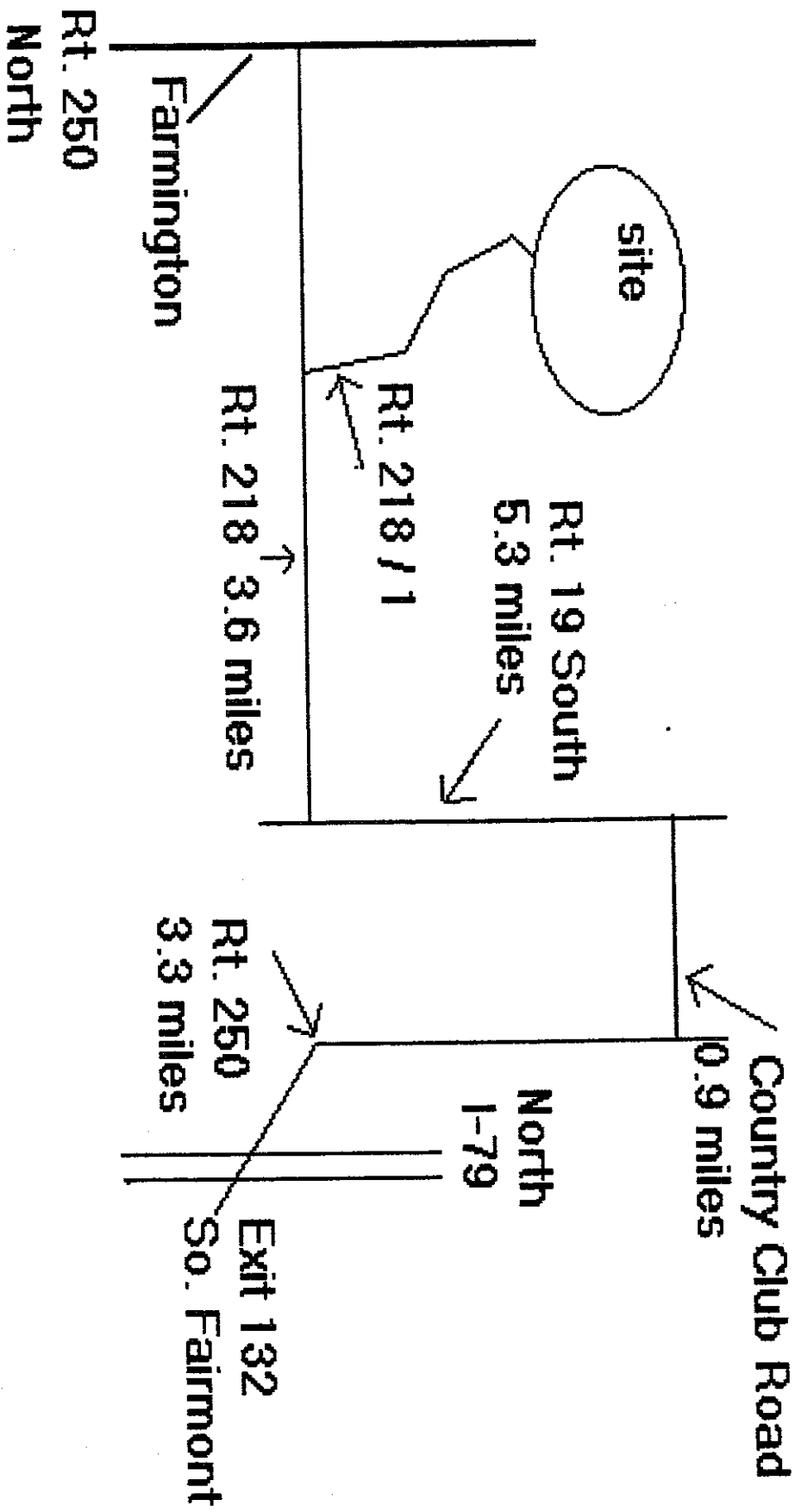
# Kingwood

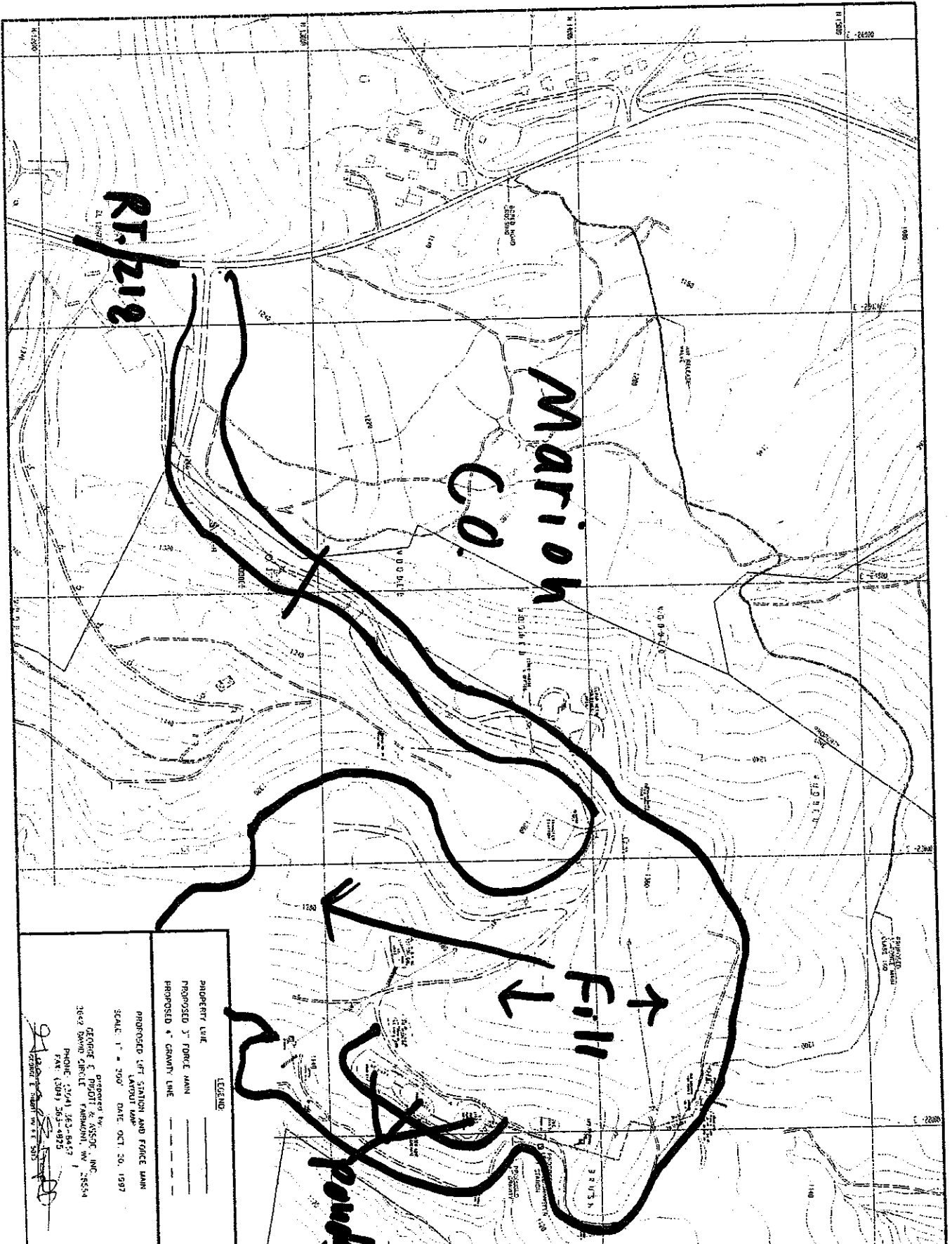
- Note:
1. 4 new wells were installed in 2004.
  2. All weather access roads have been installed to each well.
  3. Original drawing created by GAI in 2000.
  4. Site corrections for 2006 update created by WV DEP LCAP.

**GAI**  
Geotechnical Analysis, Inc.  
1155 Westwood Drive  
Martinsburg, WV 26151  
304-263-1111

FACILITY LAYOUT MAP KINGWOOD LANDFILL PRESTON COUNTY, WEST VIRGINIA		DWN. ETC.	CHKD. C
WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION CHARLESTON, WEST VIRGINIA		APPD. CSB	DATE 4/
SCALE: NOT TO SCALE DRAWING NUMBER 2000-378-845			

### Directions to Marion County Landfill





RT/212

Marion Co.

Fill

X Pond

LEGEND

PROPERTY LINE ———  
 PROPOSED 3" FORCE MAIN ———  
 PROPOSED 4" GRAVITY LINE - - - -

PROPOSED LIFT STATION AND FORCE MAIN LAYOUT MAP  
 SCALE: 1" = 300' DATE: OCT. 30, 1997

Prepared by:  
 GEORGE E. PEROTT & ASSOCIATES, INC.  
 3642 DOWNS CIRCLE FARMINGTON, WV 26534  
 PHONE: (204) 263-8447  
 FAX: (204) 263-8925

### Directions to Monongalia County Closed Landfill

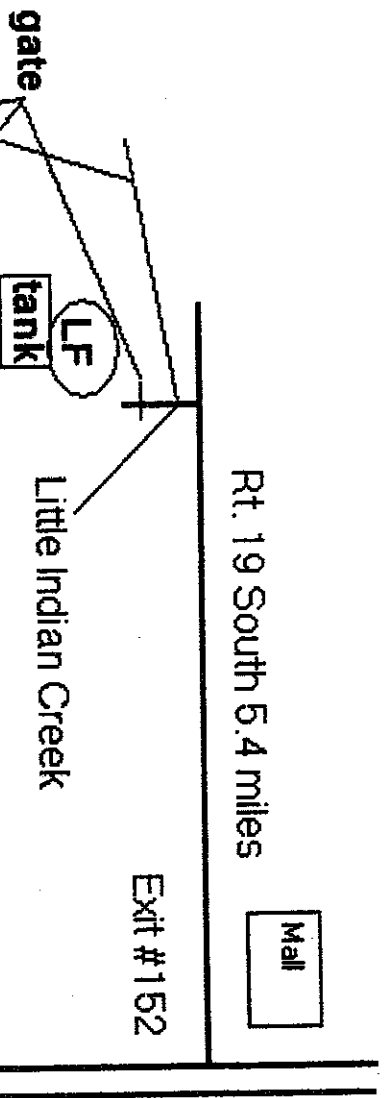
I-79 North

Rt. 19 South 5.4 miles

Mall

Exit #152

Little Indian Creek

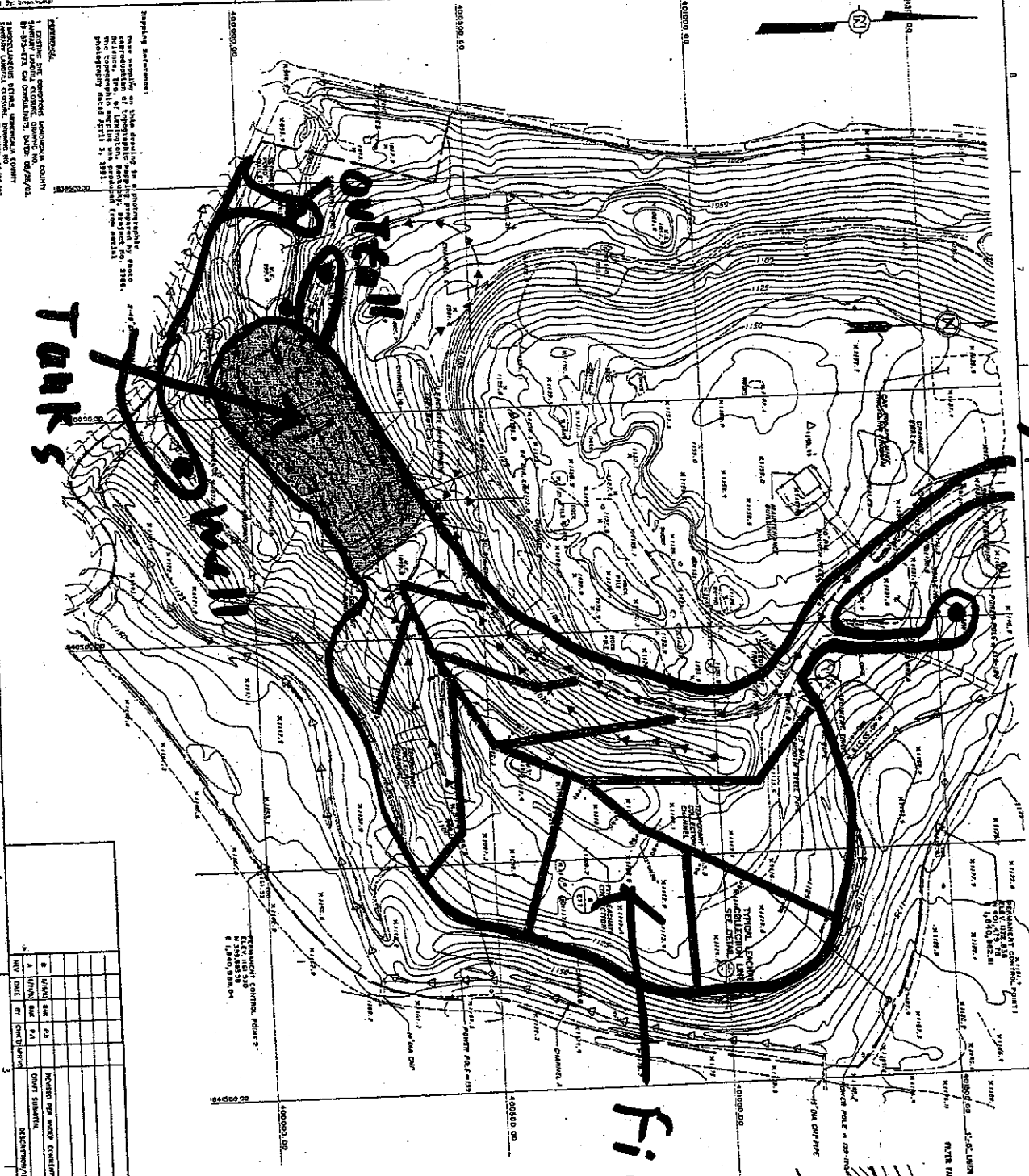


1. EXISTING: THE EXISTING LANDFILL, COUNTY OF MONONGALIA, COUNTY OF WEST VIRGINIA, IS LOCATED AT THE INTERSECTION OF STATE ROUTE 28 AND STATE ROUTE 100. THE EXISTING LANDFILL IS A 10-ACRE LANDFILL WHICH WAS OPERATED FROM 1968 TO 1978. THE EXISTING LANDFILL IS NOW CLOSED AND IS BEING REDEVELOPED FOR INDUSTRIAL USE. THE EXISTING LANDFILL IS A 10-ACRE LANDFILL WHICH WAS OPERATED FROM 1968 TO 1978. THE EXISTING LANDFILL IS NOW CLOSED AND IS BEING REDEVELOPED FOR INDUSTRIAL USE.

# ORIENTAL TANKS

# gate

# Fill Monongalia L.F.



NO.	DATE	BY	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

**SHAW Environmental, Inc.**  
MONONGALIA COUNTY LANDFILL LEACHATE COLLECTION SYSTEM MAINTENANCE

DEPARTMENT OF TRANSPORTATION, PROTECTION DIVISION, WEST VIRGINIA

DESIGNED BY: J. J. SHAW  
DRAWING NO: 840596-D28

CHECKED BY: J. J. SHAW  
DATE: 01/27/00

SCALE: AS SHOWN



**LEGEND:**  
 [Symbol] RICHES LEACHATE COLLECTION LEACHATE  
 [Symbol] FOREST MAIN LINES TO BE CLEANED  
 [Symbol] TOTAL LEACHATE COLLECTION LINE TO BE CLEANED

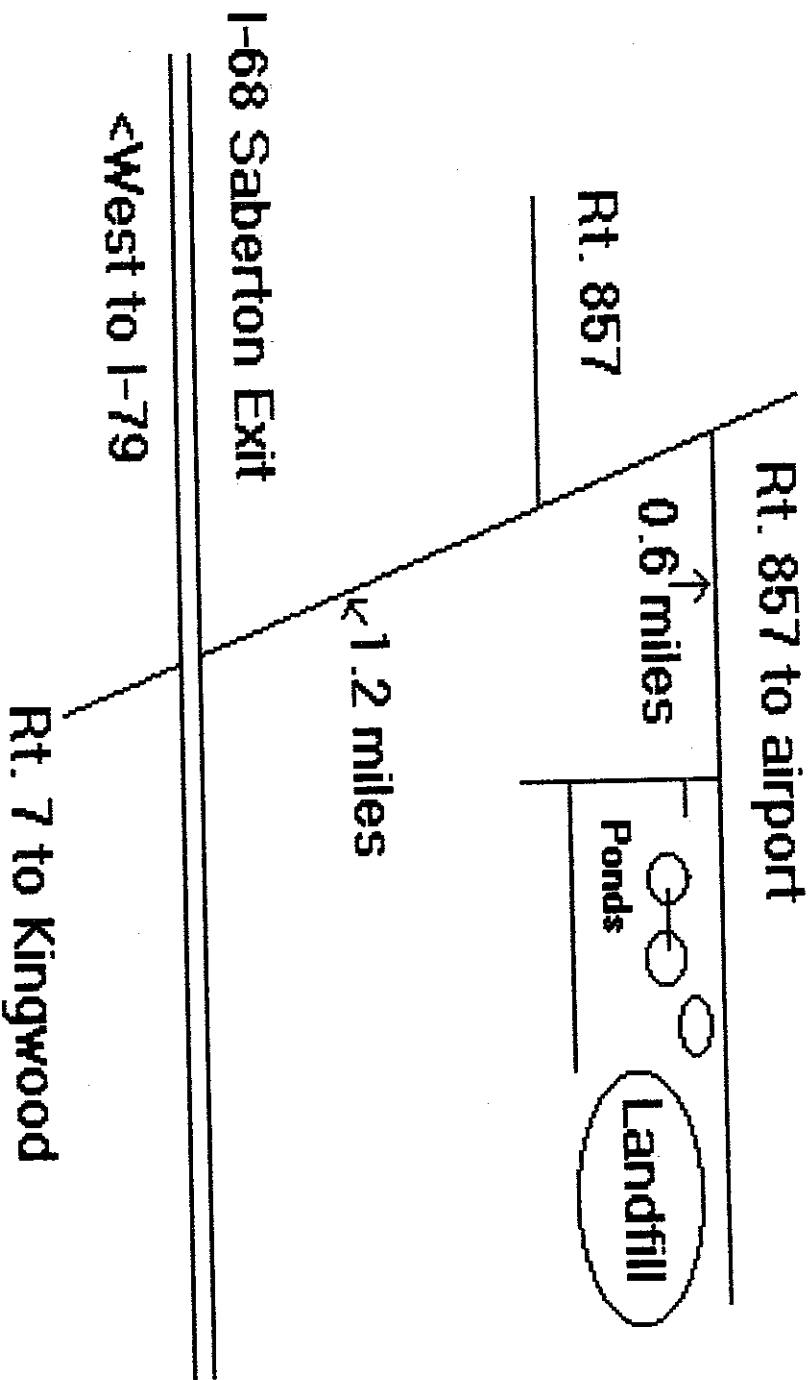
**NOTE:**  
 THIS DRAWING IS PROVIDED AS REFERENCE FOR LEACHATE COLLECTION SYSTEM MAINTENANCE ACTIVITIES ONLY. ALL DRAWINGS, SPECIFICATIONS, AND AS-BUILT DRAWINGS SHALL BE USED TO DETERMINE THE EXACT LOCATION AND DIRECTION OF LEACHATE COLLECTION LINES. NO OTHER WORK DIRECTION SHALL BE PERMITTED FROM THESE DRAWINGS, INCLUDING, BUT NOT LIMITED TO, THE LOCATION OF THE DRAINAGE SYSTEMS.

**DETAIL**  
 TYPICAL LEACHATE COLLECTION LINE AND CLEANOUT  
 1" = 10' SCALE

**DETAIL**  
 TYPICAL LEACHATE COLLECTION LINE AND CLEANOUT  
 1" = 10' SCALE

0 1 2 3 4 5 6 7 8

0 1 2 3 4 5 6 7 8

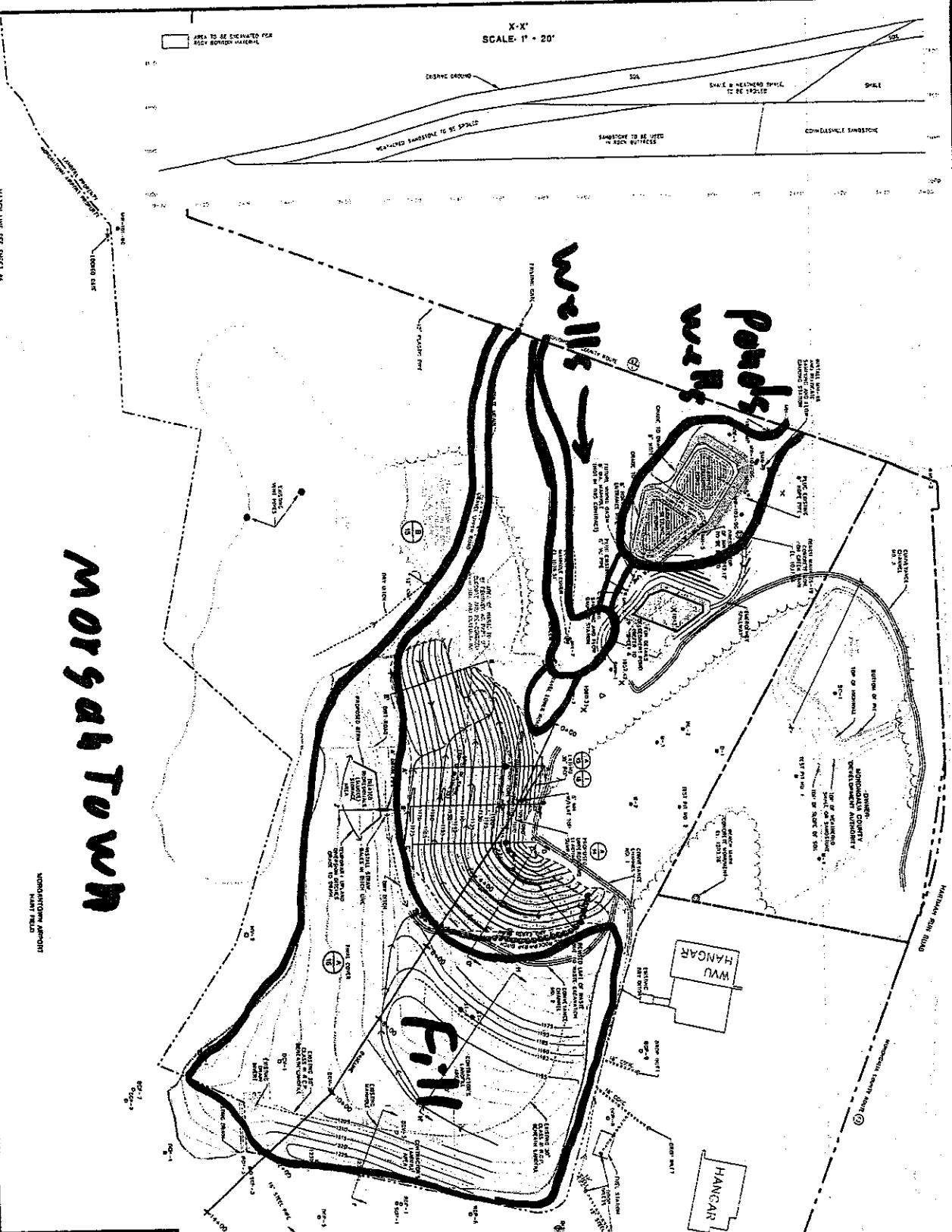


**DIRECTIONS TO CITY OF MORGANTOWN LANDFILL**



X-X'  
SCALE: 1" = 20'

APPLY TO BE ENLIGHTENED FOR  
ELECTRIC BOUNDARY MARKERS



**MORGANTOWN**

MORGANTOWN AIRPORT  
MOUNT FIELD

NO.	DATE	DESCRIPTION
1	10/1/71	PRELIMINARY
2	10/1/71	REVISED
3	10/1/71	REVISED
4	10/1/71	REVISED
5	10/1/71	REVISED
6	10/1/71	REVISED
7	10/1/71	REVISED
8	10/1/71	REVISED
9	10/1/71	REVISED
10	10/1/71	REVISED

**WDEP**  
**CITY OF MORGANTOWN**  
**LANDFILL CLOSURE**  
**GRADING PLAN**

Prepared by: [Name]  
 Checked by: [Name]  
 Date: 10/1/71  
 Scale: 1" = 20'  
 Drawing No.: 3 of 16

THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF THE ENGINEER AND CONSULTANT AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER AND CONSULTANT.

THIS PLAN IS TO BE CONSIDERED AS A PRELIMINARY PLAN AND IS NOT TO BE USED FOR CONSTRUCTION WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER AND CONSULTANT.

ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

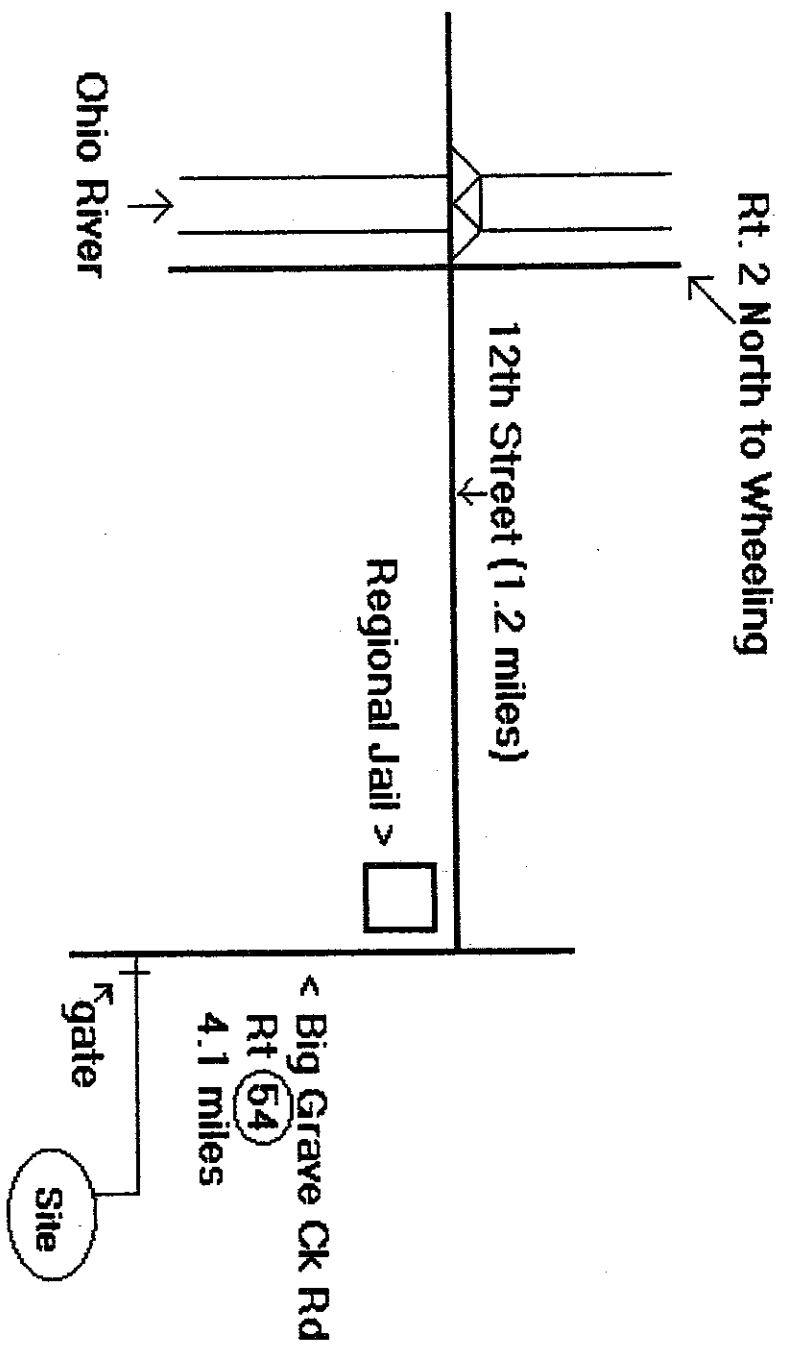
ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.



ASCE  
 1801 Alexander Bell Drive  
 Reston, Virginia 20191-4400  
 Phone: (703) 295-6000  
 Fax: (703) 295-6001  
 Website: www.asce.org

# CITY OF MOUNDVILLE LANDFILL

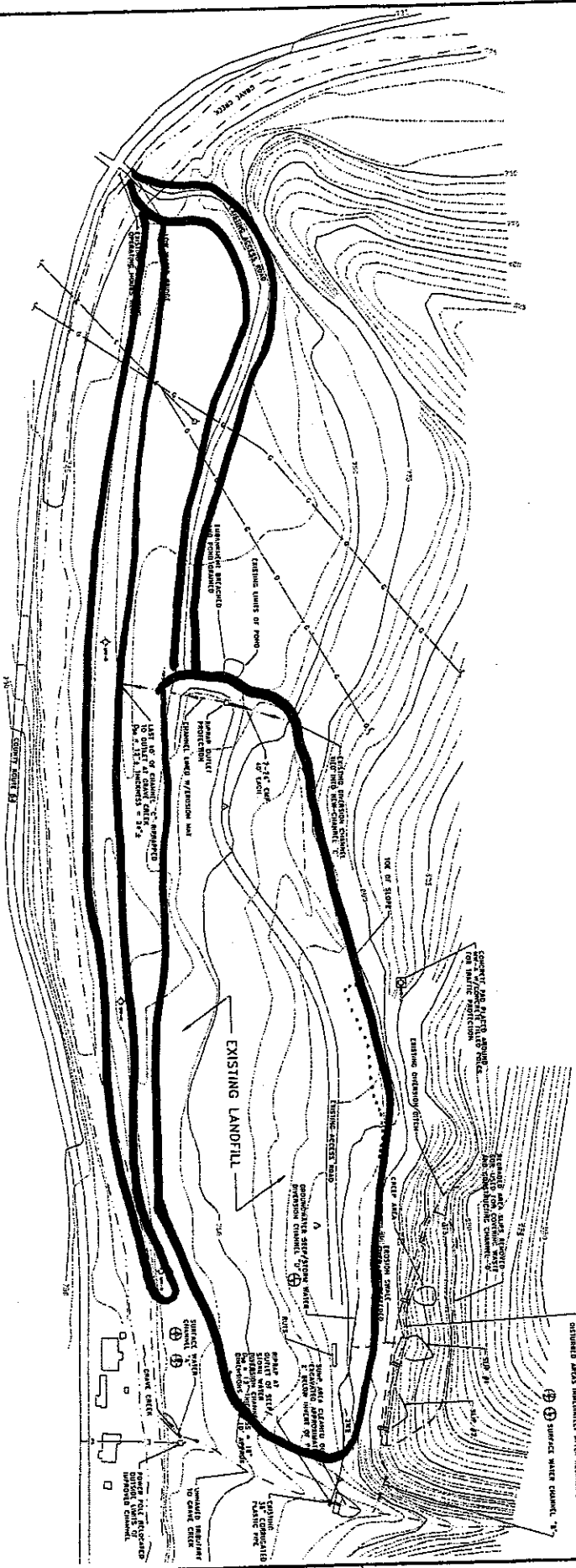


1. LOCATION SHOWN AS APPROXIMATE BASED ON VISUAL OBSERVATION BY TERRADON PERSONNEL DURING SITE VISIT WITH PROJECT OFFICE OF ENVIRONMENTAL PROTECTION
2. PLAN DATED 1/14/1995 PREPARED BY DENNIE ASSOC.

**LEGEND**

	EXISTING BOUNDARIES WITH
	SURVEY DATUM POINT
	EXISTING POWER POLE
	CULTURE
	STONE WALL
	EXISTING ENTRANCE SIGN
	STREAM
	EASEMENT LINE
	SECTION WALL
	UTILITY OF FENCE SECTION
	PROPOSED STREAM
	PROPOSED SITE FENCE

# Moundsville



RECORD DRAWING



11/11/1995

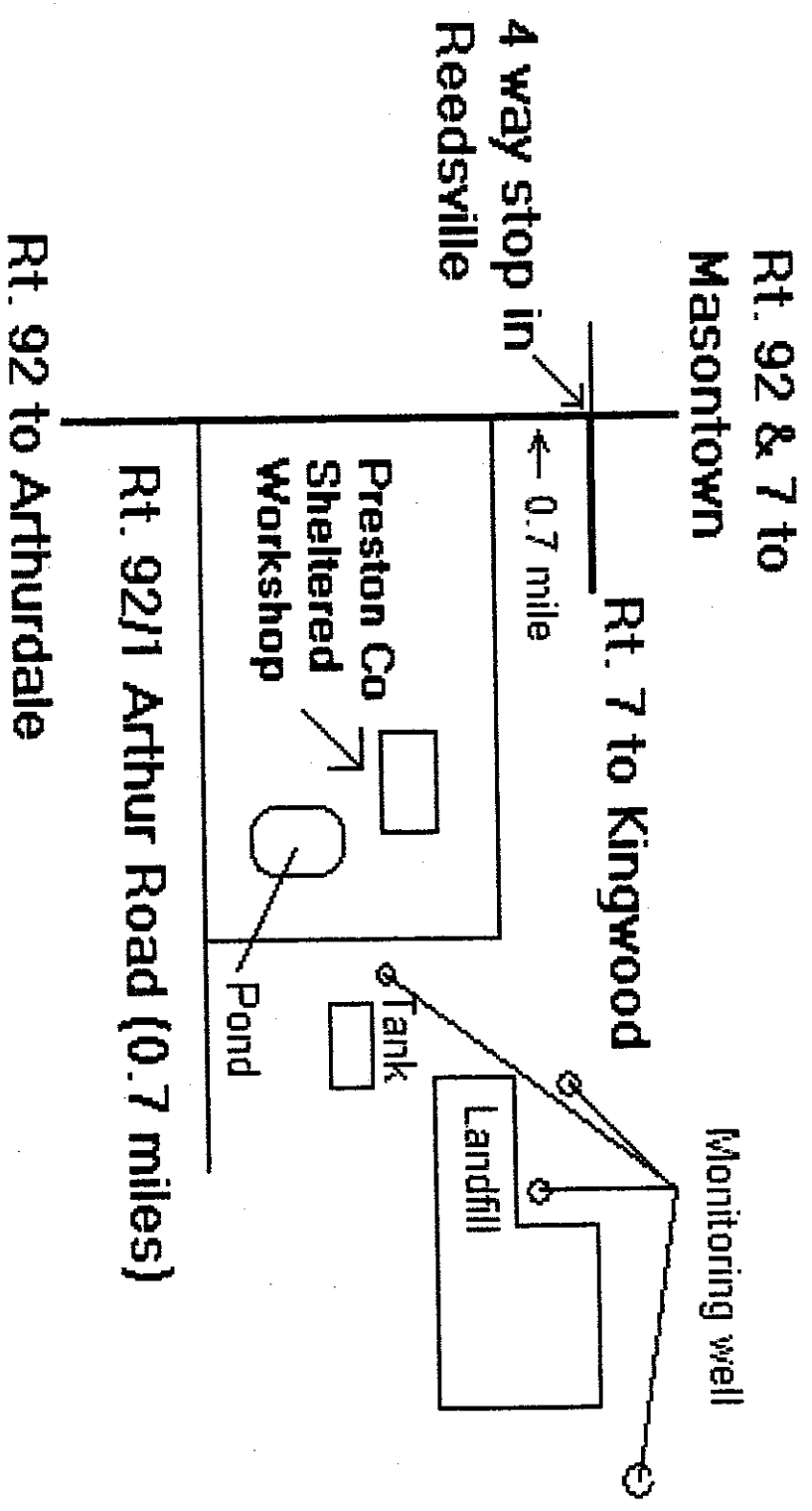
RECORD DRAWING  
PLAN VIEW OF

WEST VIRGINIA DIVISION  
OF ENVIRONMENTAL PROTECTION  
LANDFILL CLOSURE ASSISTANCE PROGRAM  
MOUNDSVILLE LANDFILL

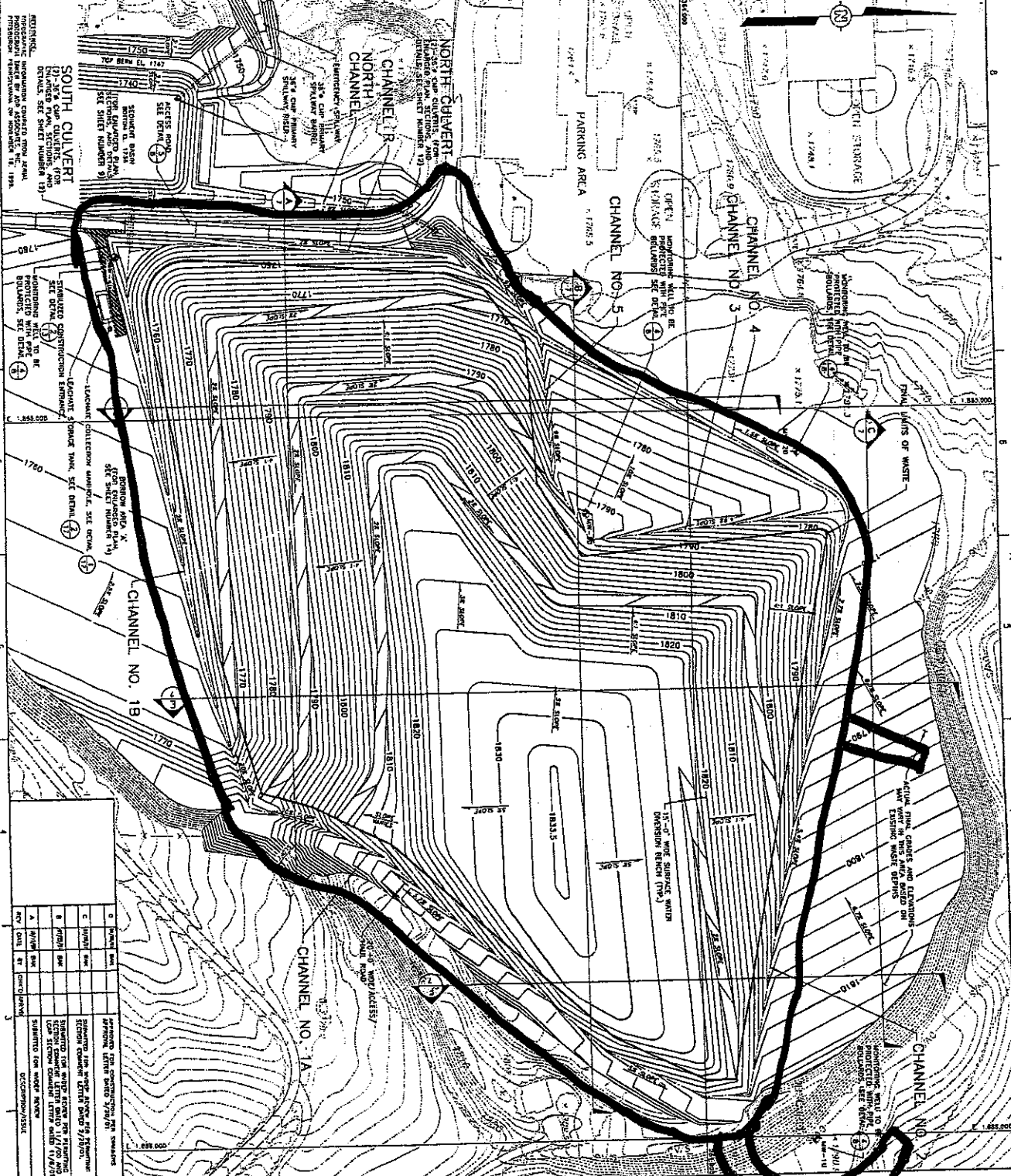
**TERRADON** TERRADON CORPORATION  
P.O. Box 519  
NOTE: WEST VIRGINIA REG. NO. 12142

No.	Date	Description

# DIRECTIONS TO REHE LANDFILL



0:1/2005/VW06P/Projects/Rehe Lane/811330/811330-013.dwg  
Plot Date/Time: 10/26/01 02:44pm  
Filename: Z:\811330-013.dwg



NO.	DATE	BY	DESCRIPTION
1	04/06/01	...	...
2	...	...	...

APPROVED FOR CONSTRUCTION  
 DATE: 04/06/01

Rehe  
 To wall

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 CHARLESTON, WEST VIRGINIA

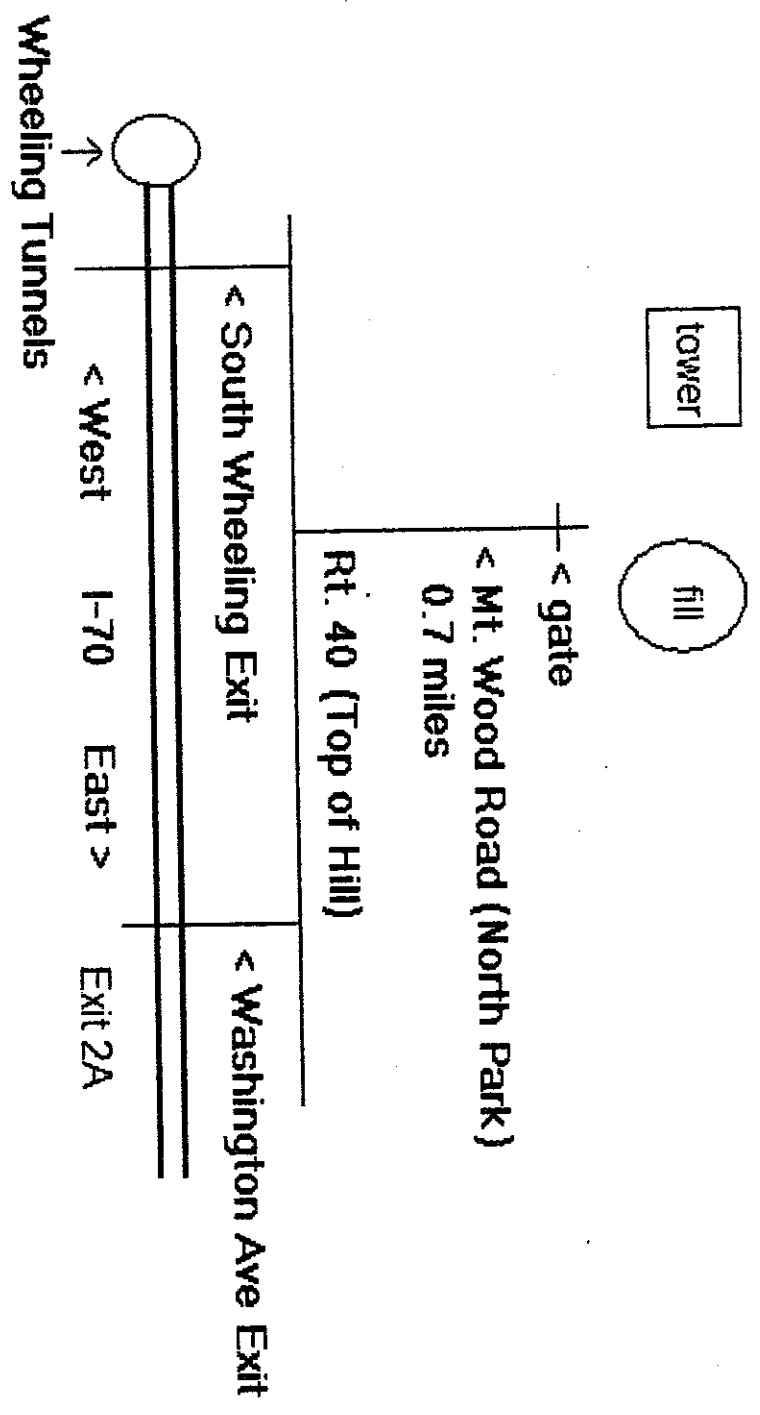
FINAL GRADING PLAN  
 PRESTON COUNTY, WEST VIRGINIA

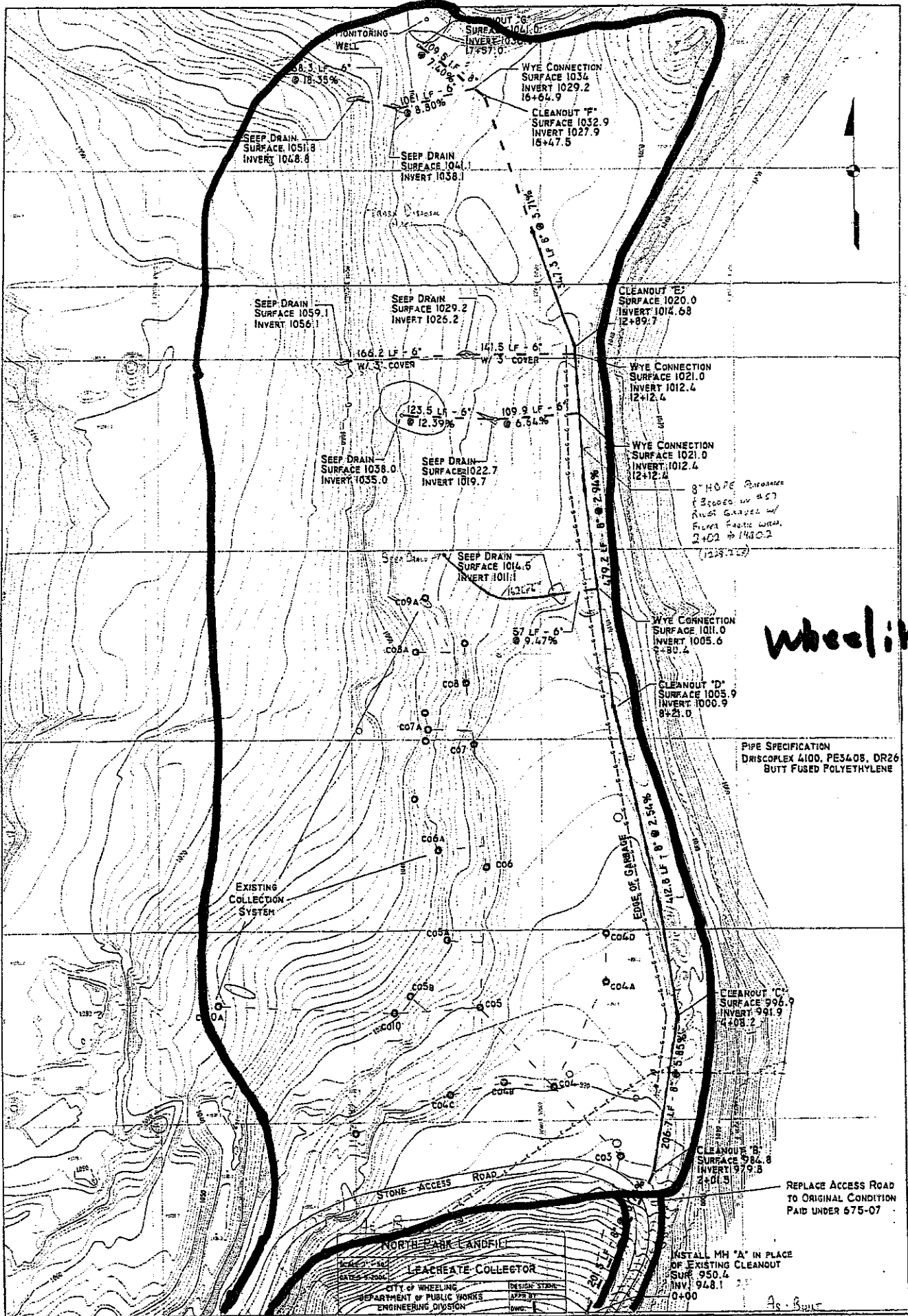
ISSUED BY: ...  
 CHECKED BY: ...  
 DATE: 04/06/01

SCALE: AS SHOWN

0 1 2 3 4 5 6 7 8 9 10  
 0 10 20 30 FEET

# CITY OF WHEELING LANDFILL





wheeling

To gate

To ponds & wells

NORTH PARK LANDFILL  
 LEACHATE COLLECTOR  
 CITY OF WHEELING  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 DESIGN STAFF  
 APPROVED  
 DATE

REPLACE ACCESS ROAD TO ORIGINAL CONDITION PAID UNDER 675-07

INSTALL MH "A" IN PLACE OF EXISTING CLEANOUT SUR 950.4 INV. 928.1 0+00

PIPE SPECIFICATION DRISCOLLEX 4100, PES408, DR26 BUTT FUSED POLYETHYLENE

8" HOPE PROPOSED 130000 IN 457 ANCH GANGES AND FLOOR PLATE LATCH 2402 # 14802 (1208-112)

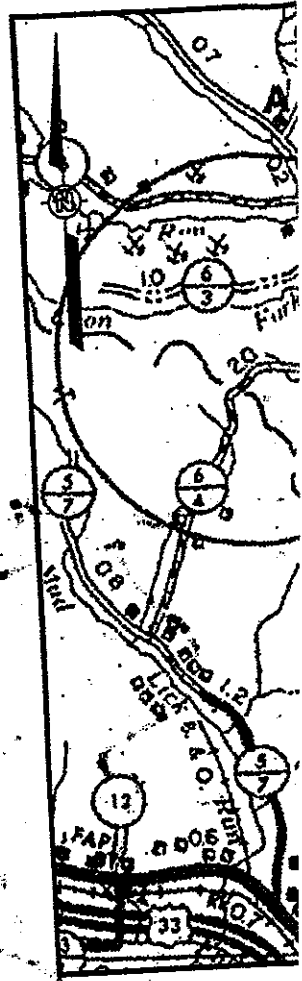
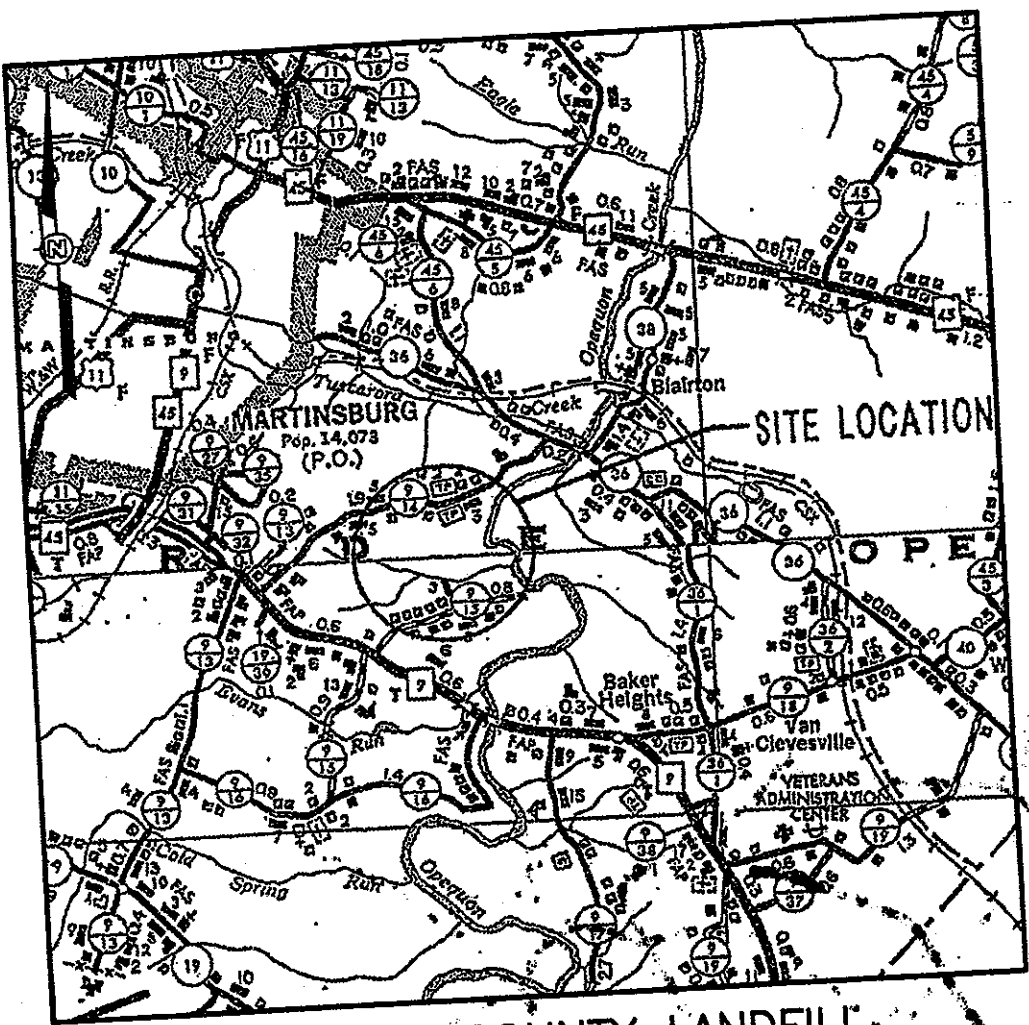
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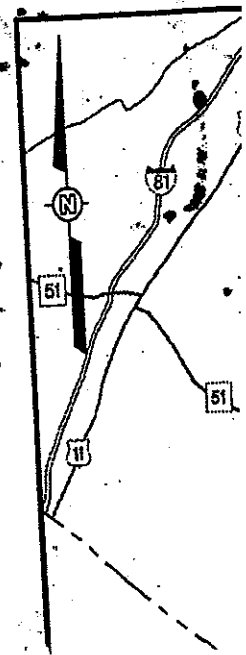
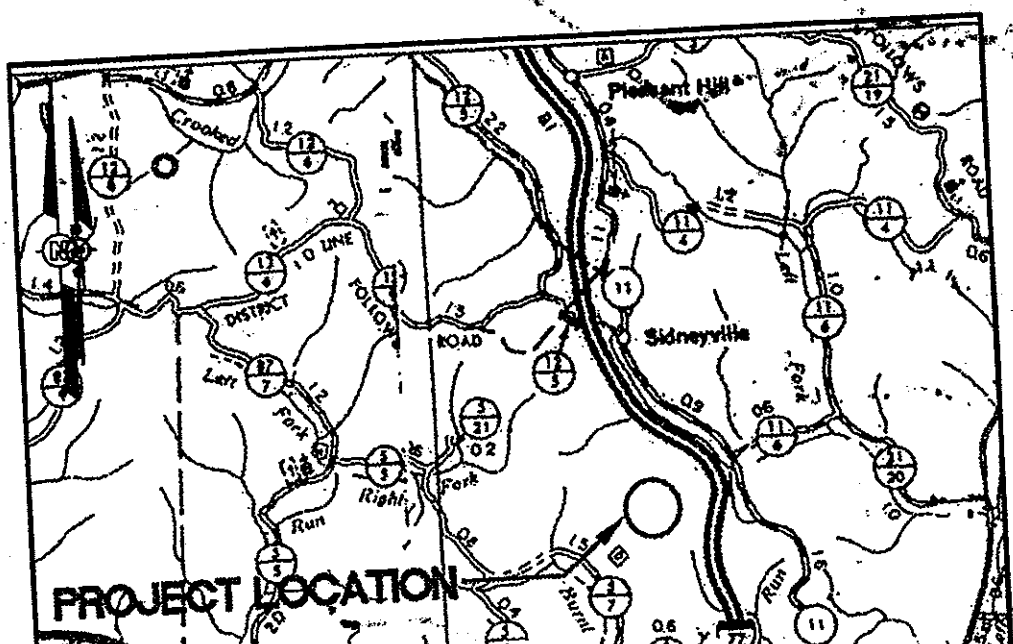
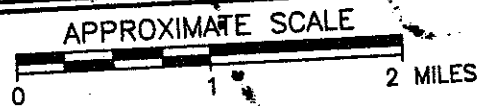
# REGION 2

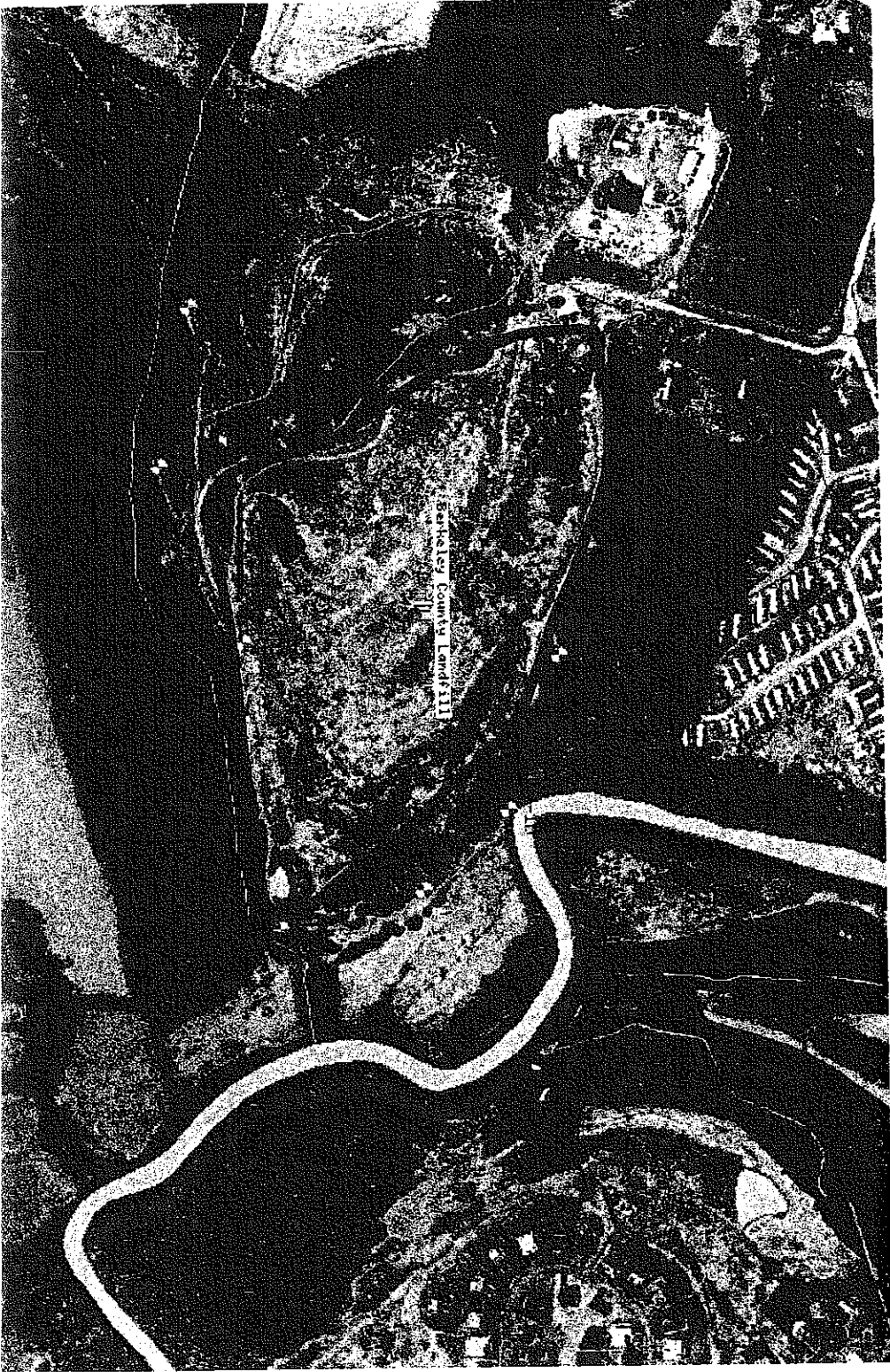
OFFICE  
Pittsburgh, PA

DRAWING  
NUMBER  
840596-D1

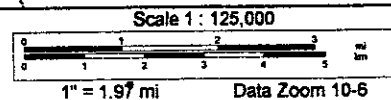
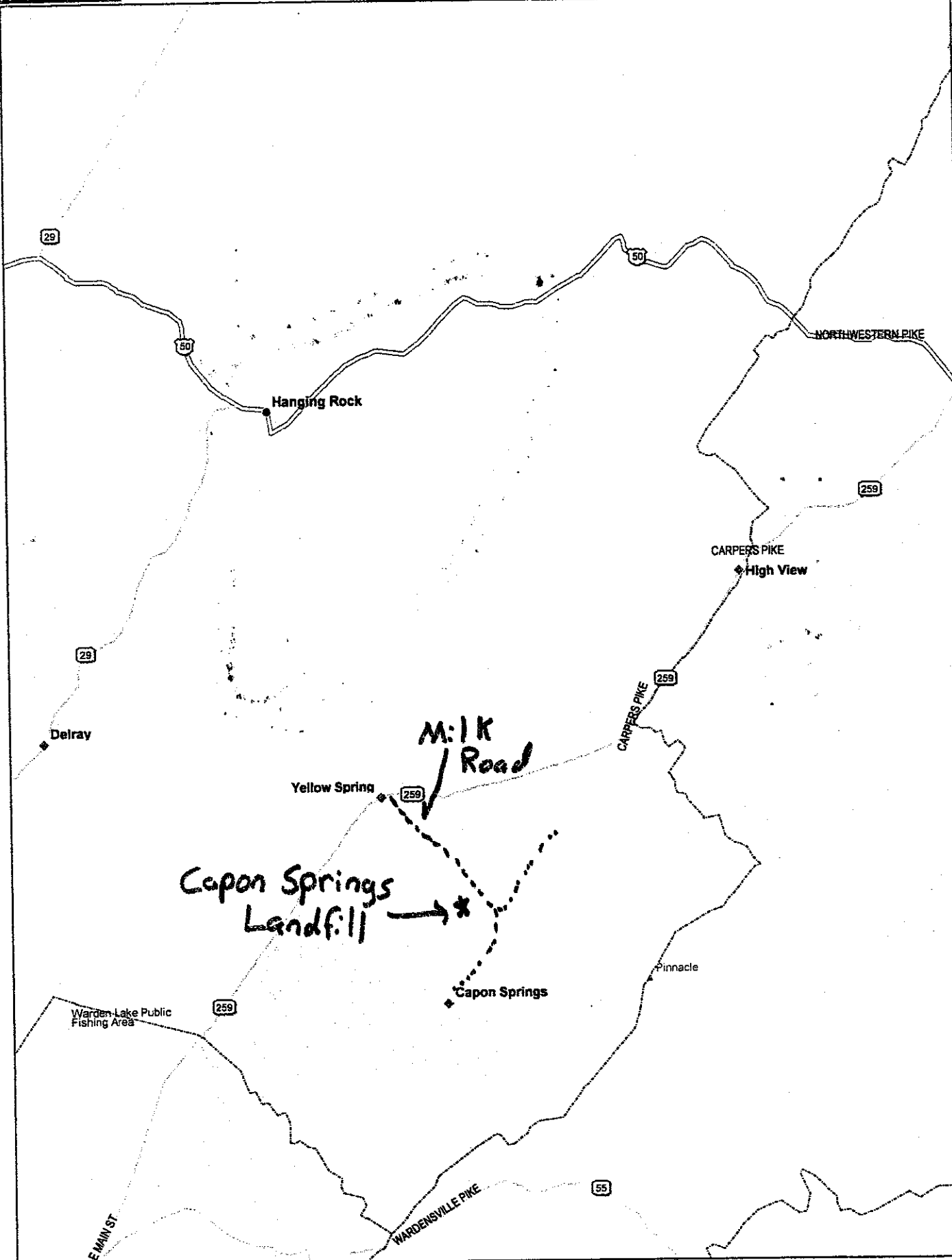


**BERKELEY COUNTY LANDFILL**

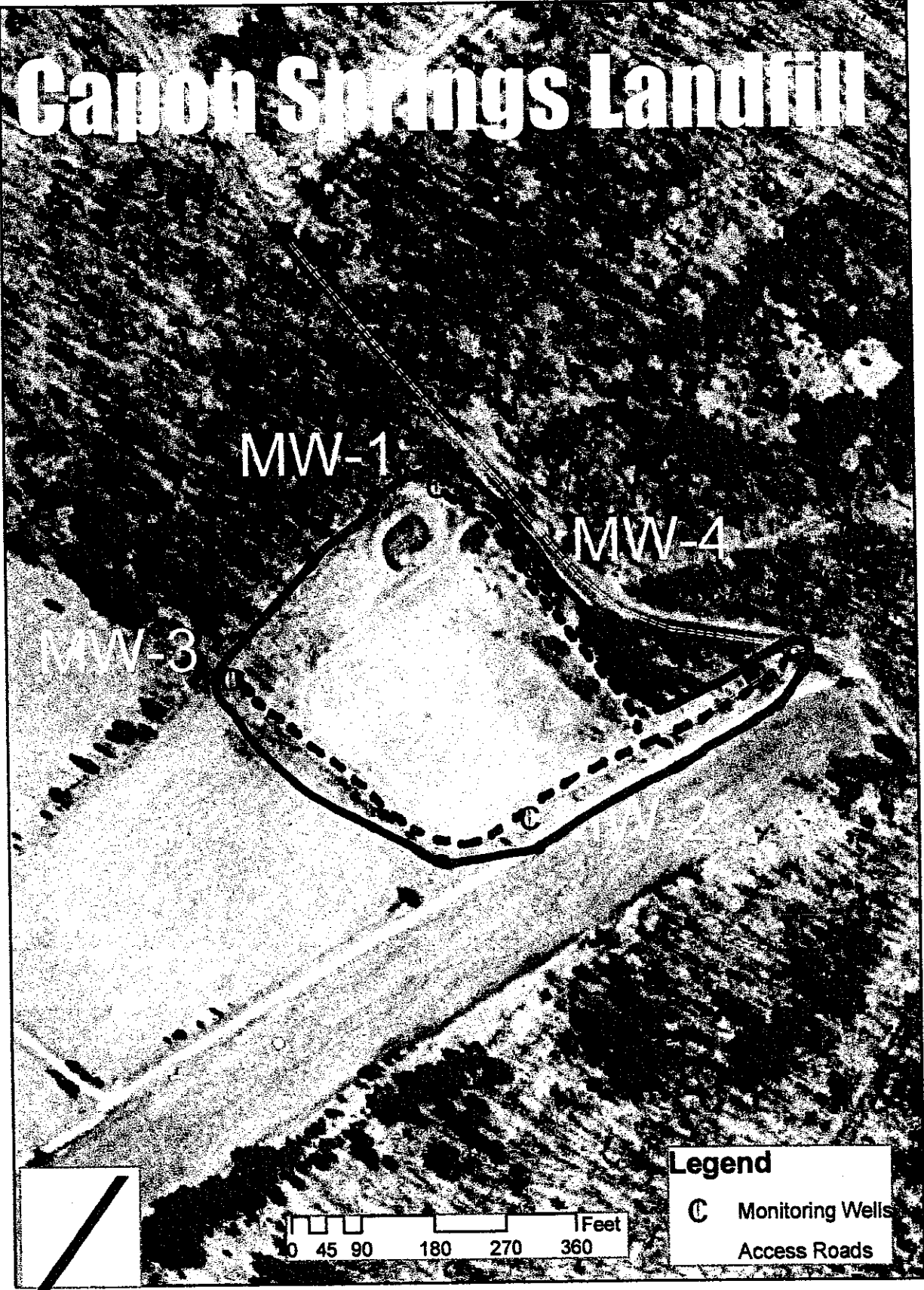




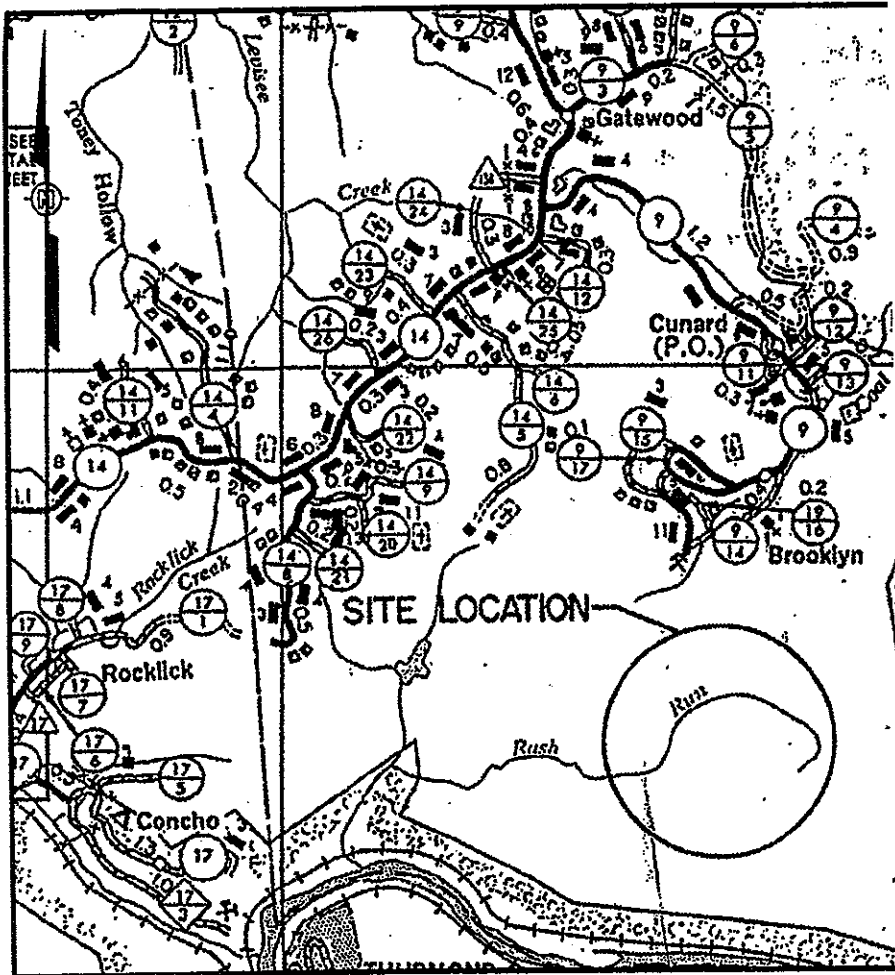
----- Road  
----- Now



# Capon Springs Landfill

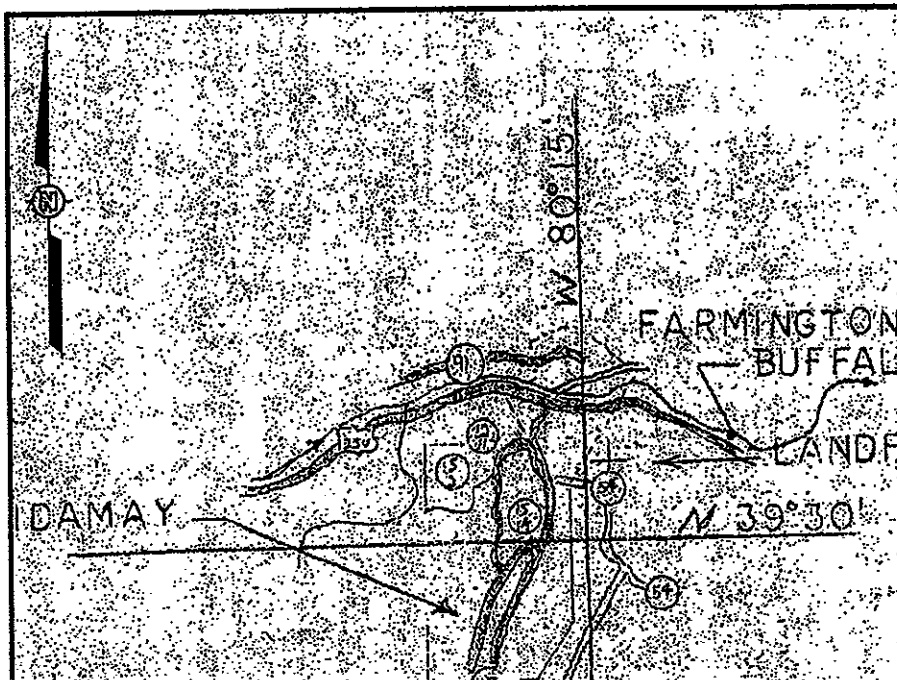
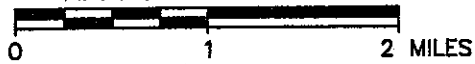


----- Roads  
————— Mow

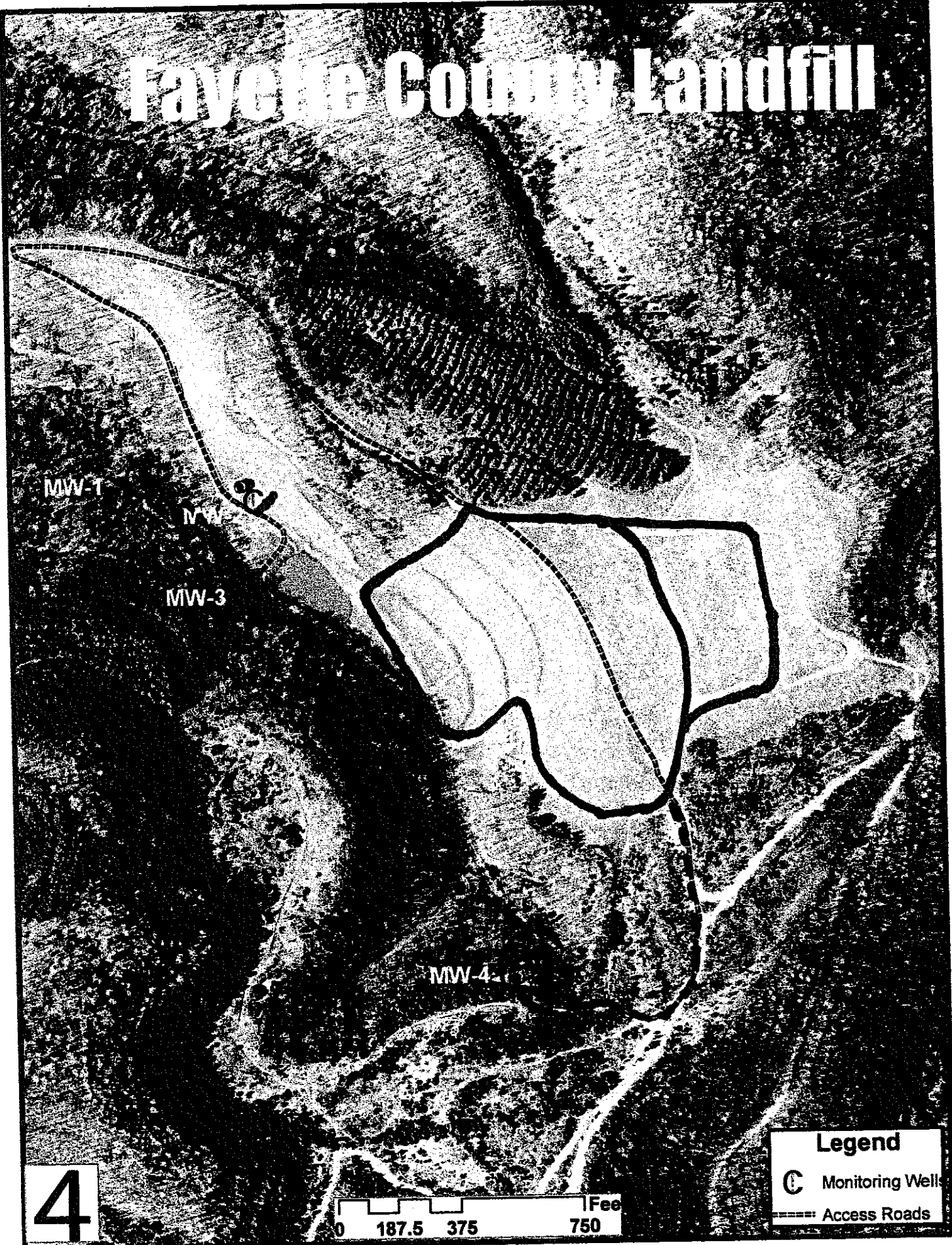


### FAYETTE COUNTY LANDFILL

APPROXIMATE SCALE



# Fayette County Landfill



MW-1

MW-2

MW-3

MW-4

4



**Legend**

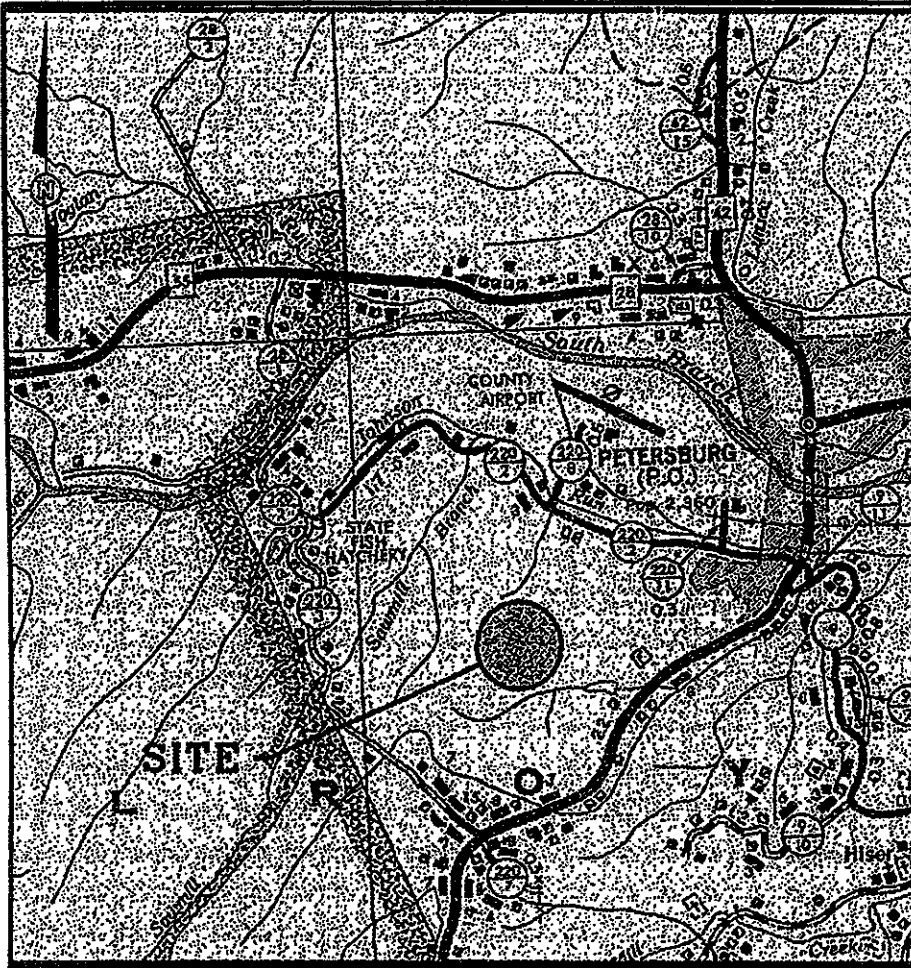
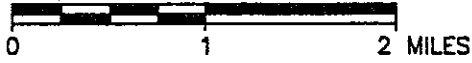
C Monitoring Wells

--- Access Roads

--- Road    --- Mow

# MARION COUNTY LANDFILL

APPROXIMATE SCALE



# Grant / PETERSBURG LANDFILL

APPROXIMATE SCALE

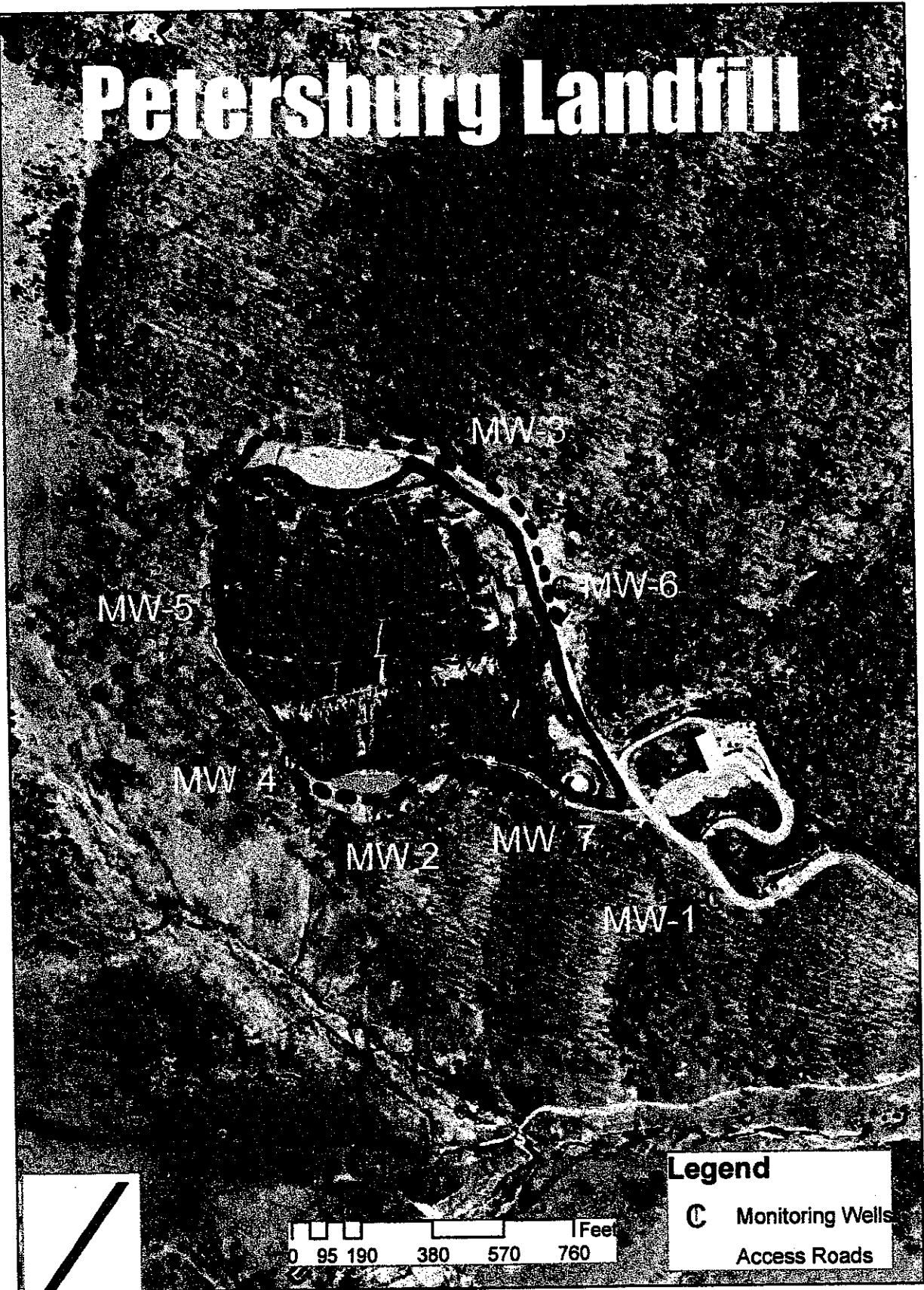


	B	7/16/03	B/
	A	6/24/03	B/
	REV	DATE	B

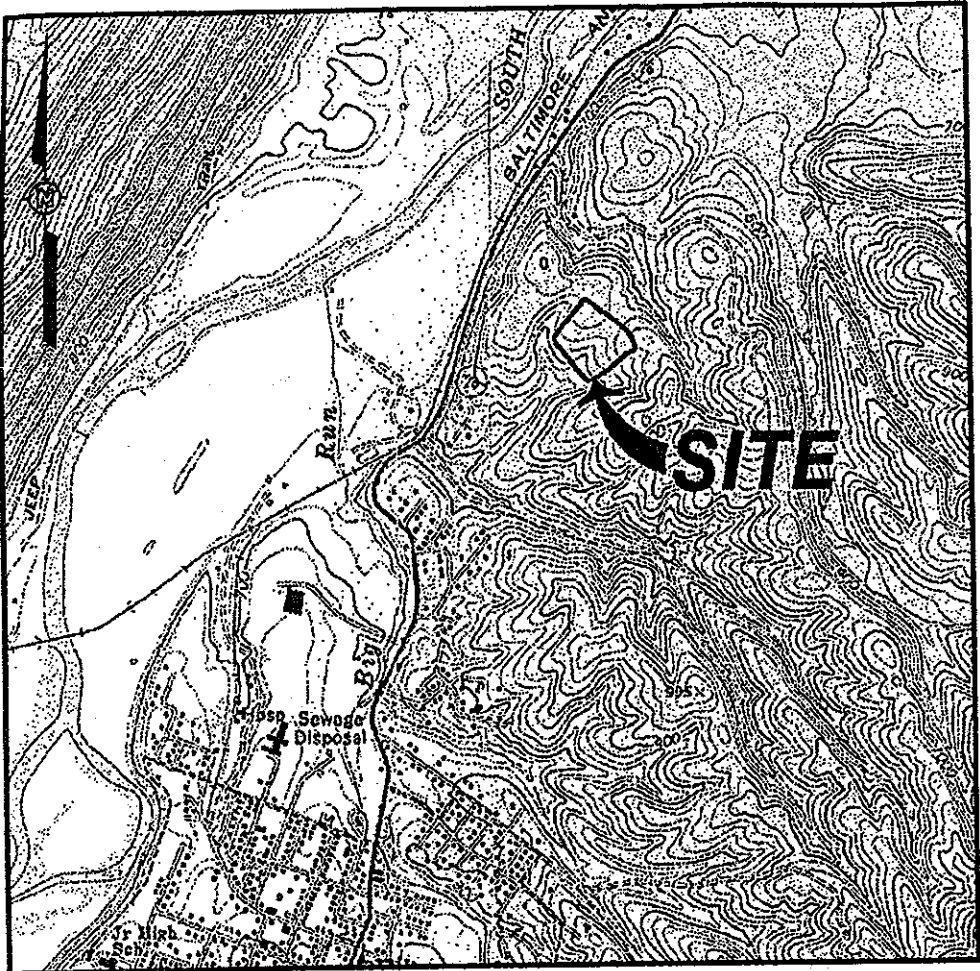
ON SYSTEM  
DESIGN  
E  
HALL BE  
RE PURELY



# Petersburg Landfill

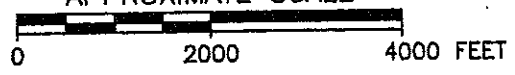


--- Road  
— Mow

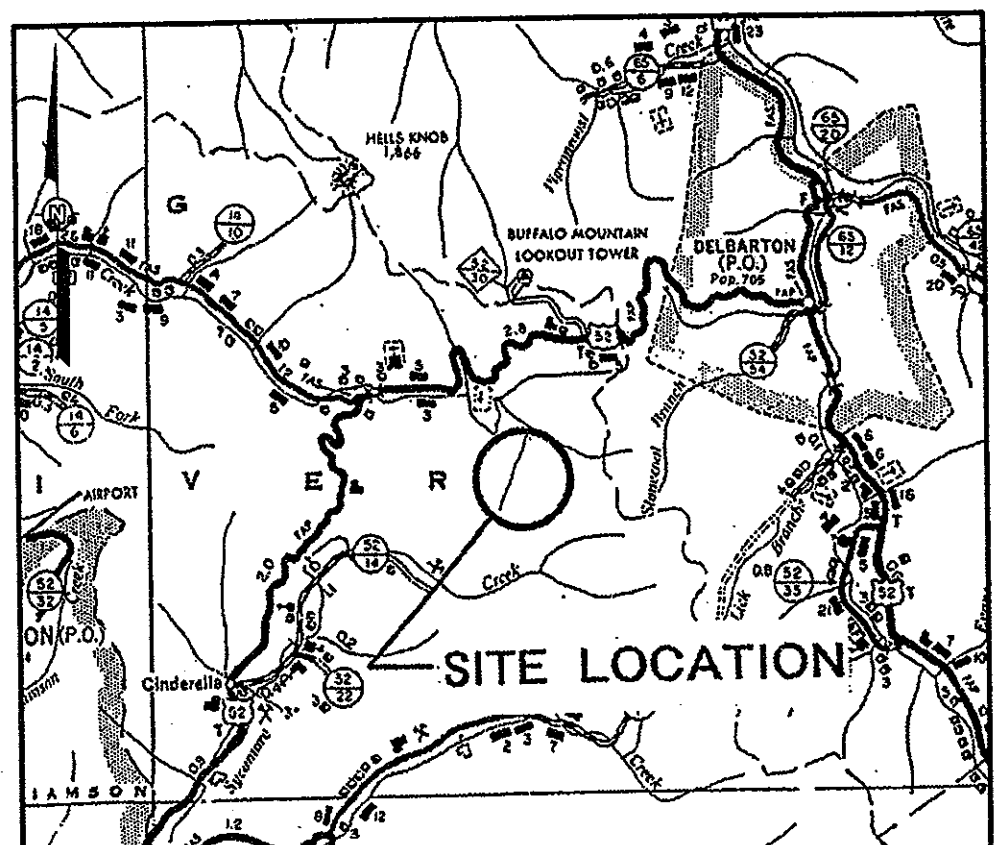


**HAMPSHIRE COUNTY LANDFILL**

APPROXIMATE SCALE



D



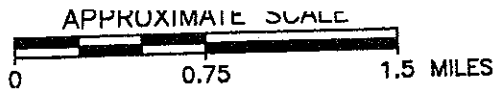
C

# Hampshire County Landfill

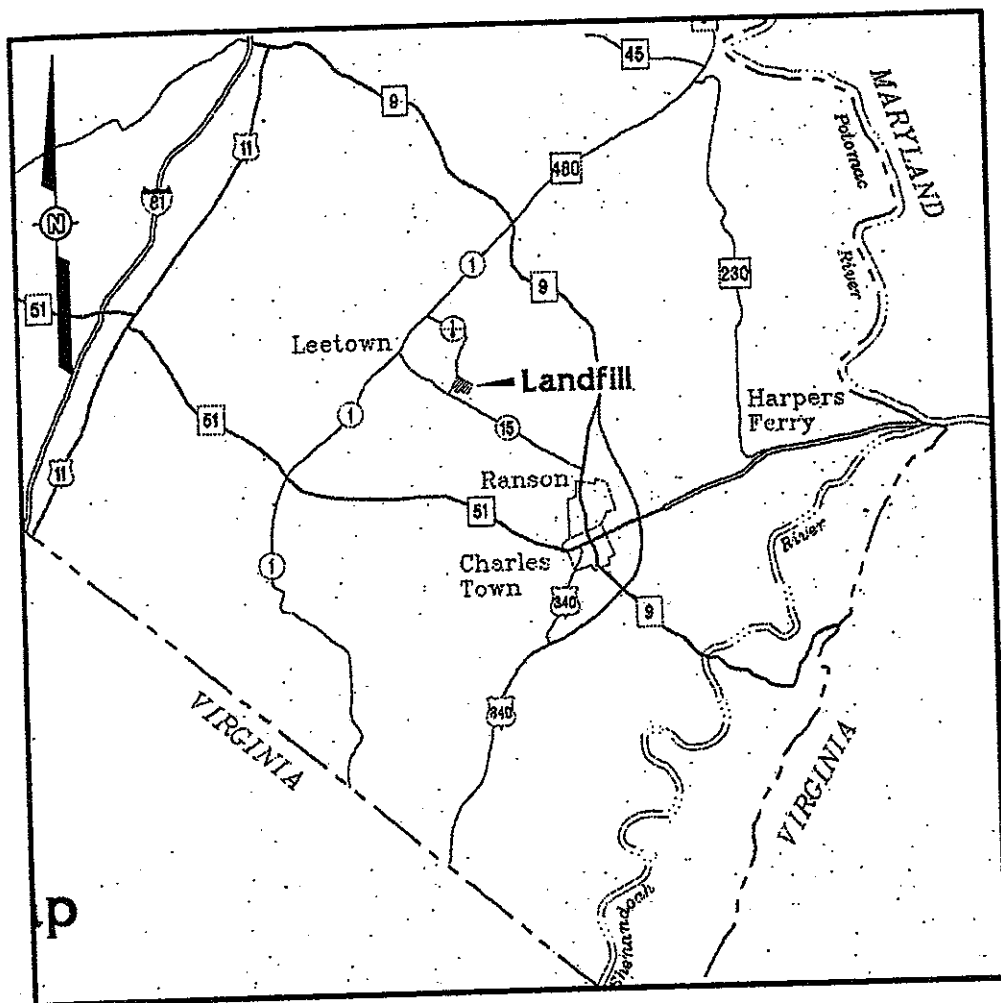


Legend	
	Well
	Leachate Tank
	Sediment
	Road

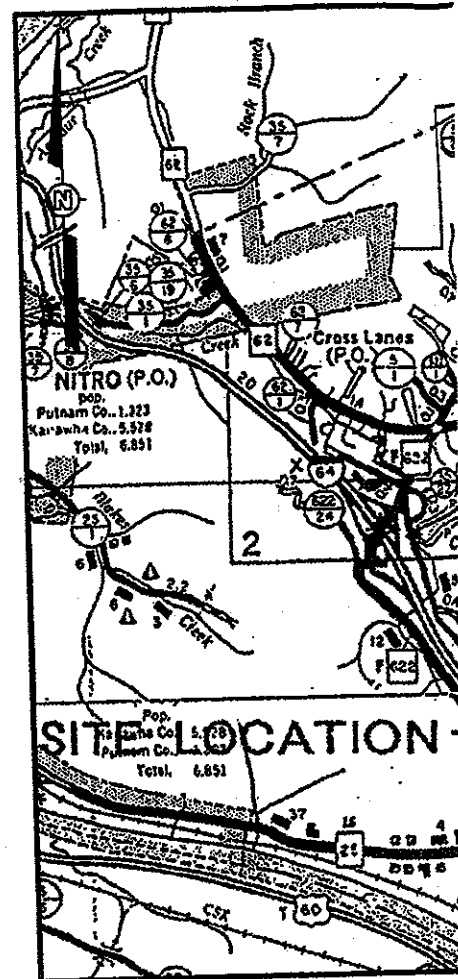
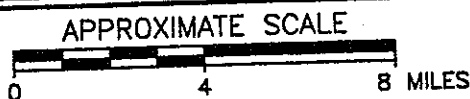
--- Roads  
— Mow



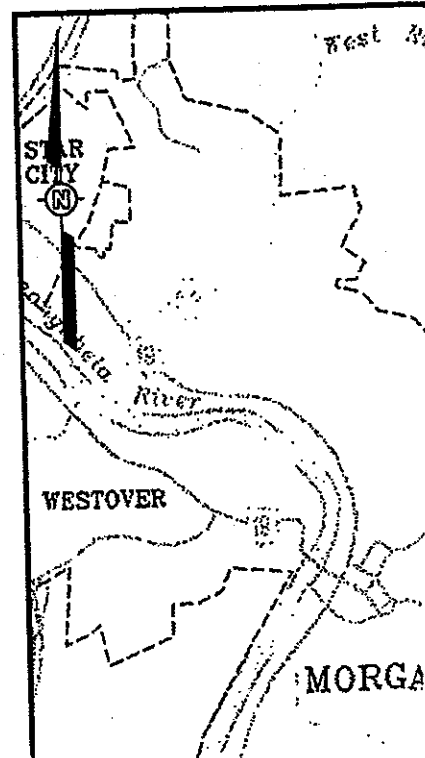
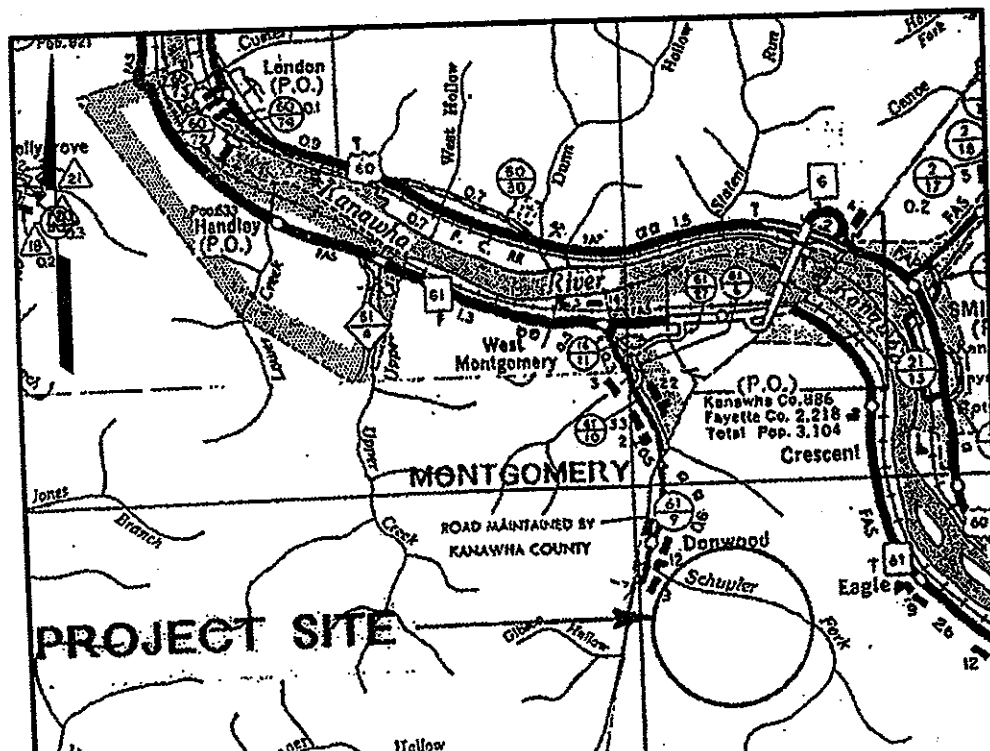
0430

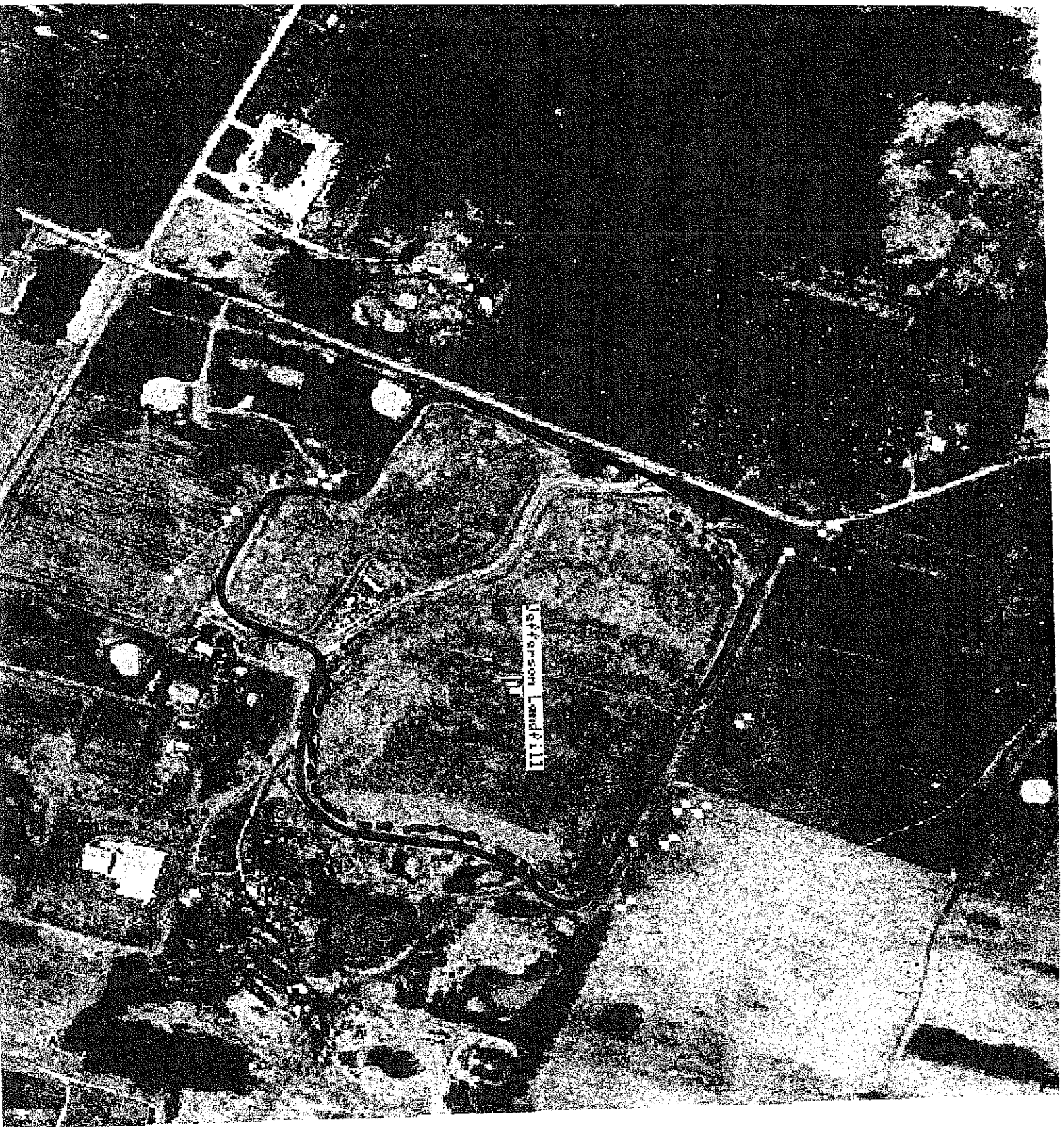


**JEFFERSON COUNTY LANDFILL**



**KANAWHA W**





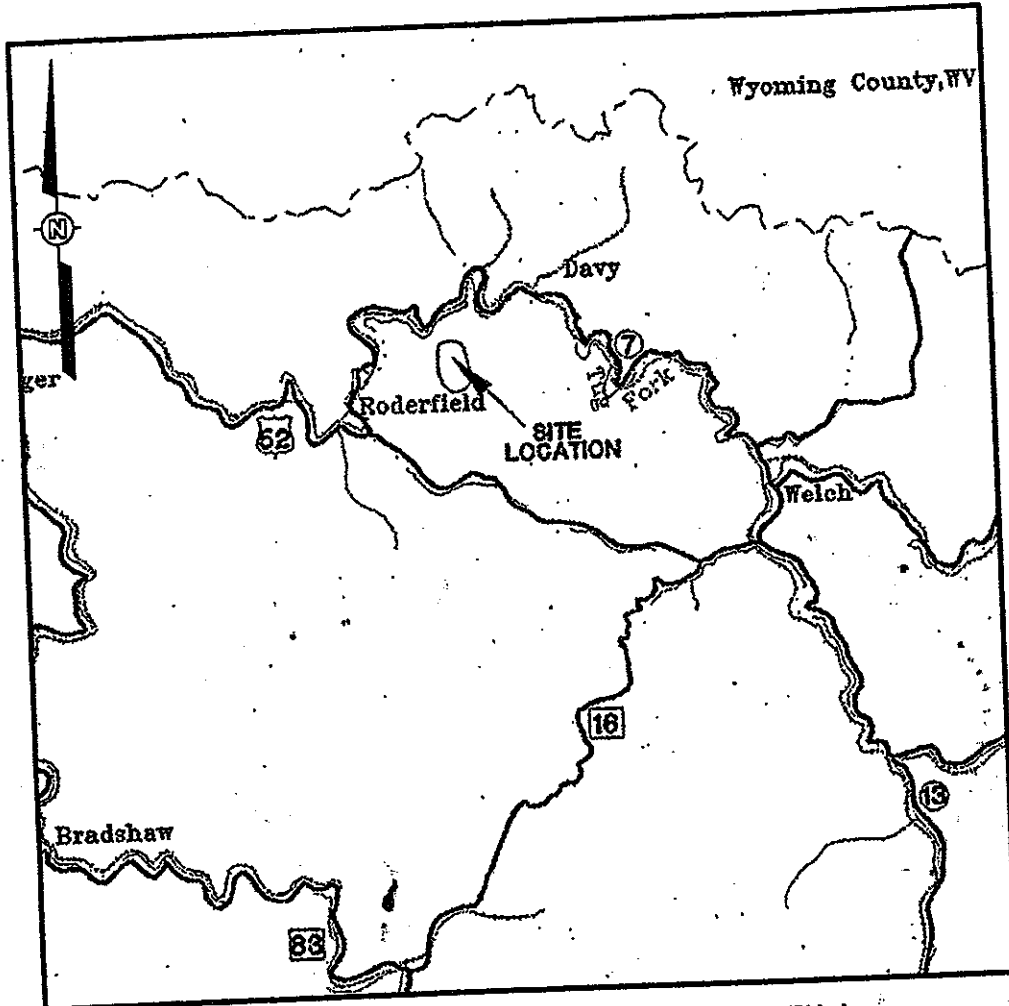
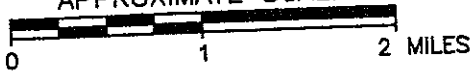
Lester's Landfill

—— Mow  
- - - - Road

044

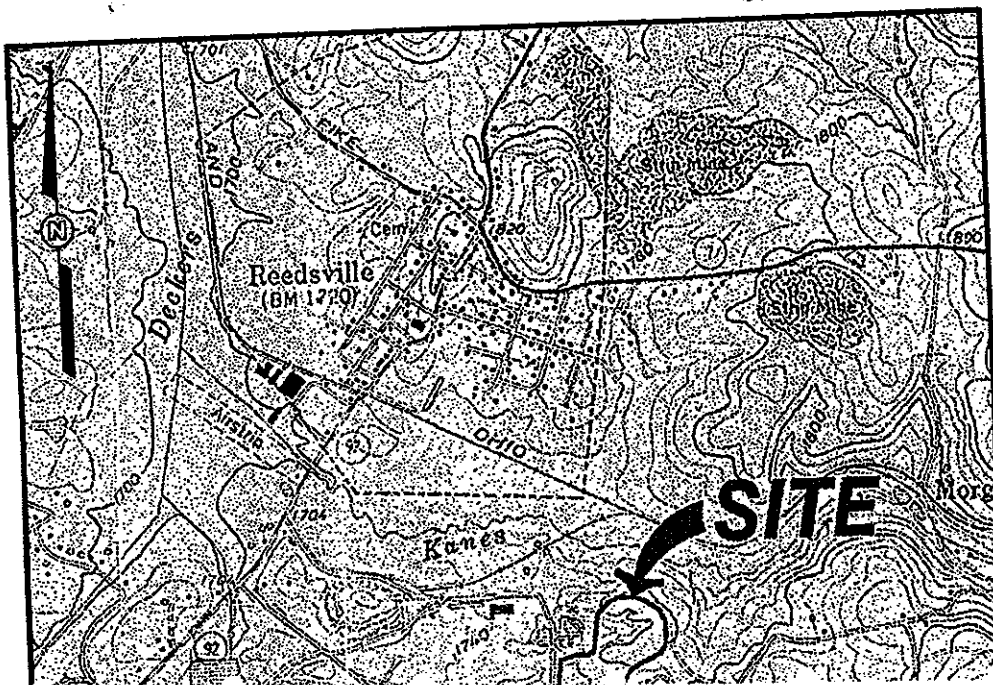
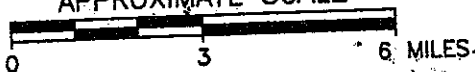
# FLEMING LANDFILL

APPROXIMATE SCALE

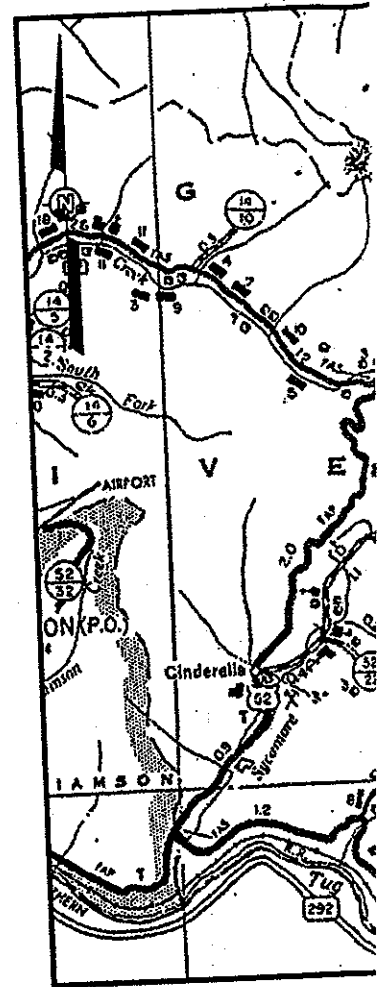


# MCDOWELL COUNTY LANDFILL

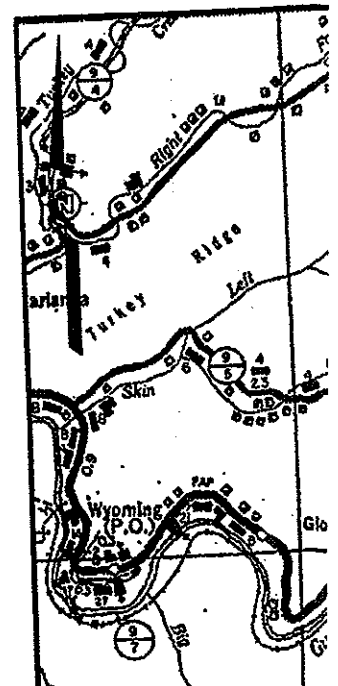
APPROXIMATE SCALE

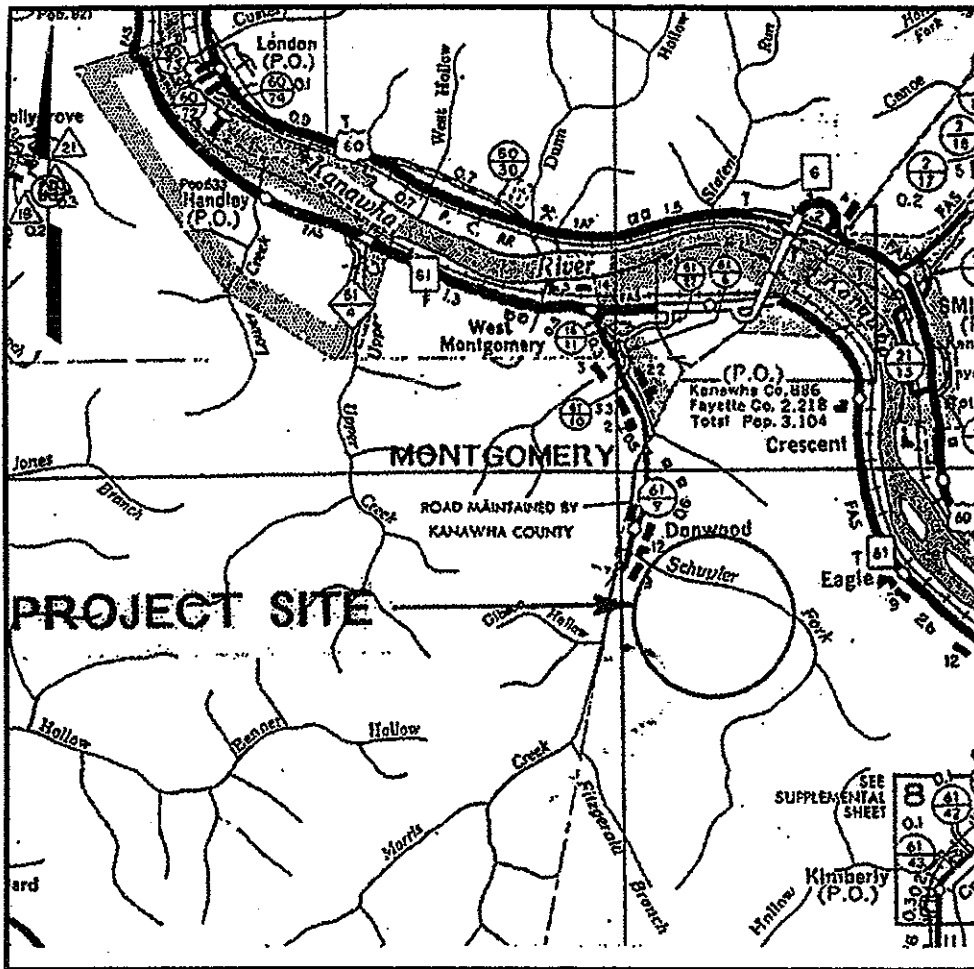


045



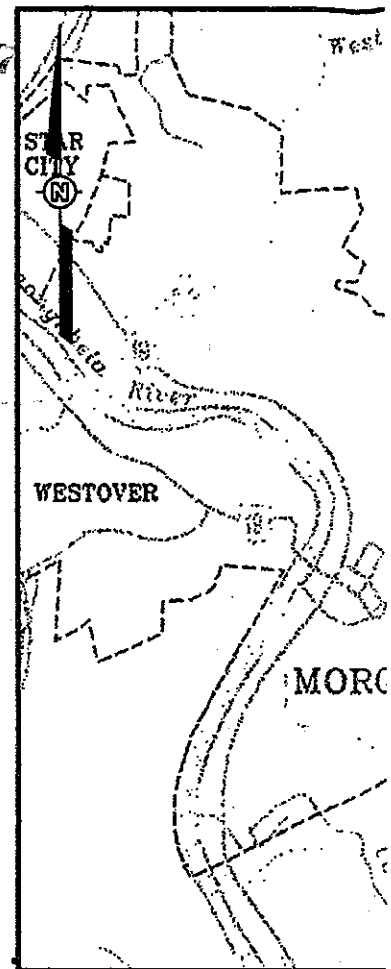
# MINGO





**MONTGOMERY LANDFILL**

APPROXIMATE SCALE



**MORGA**



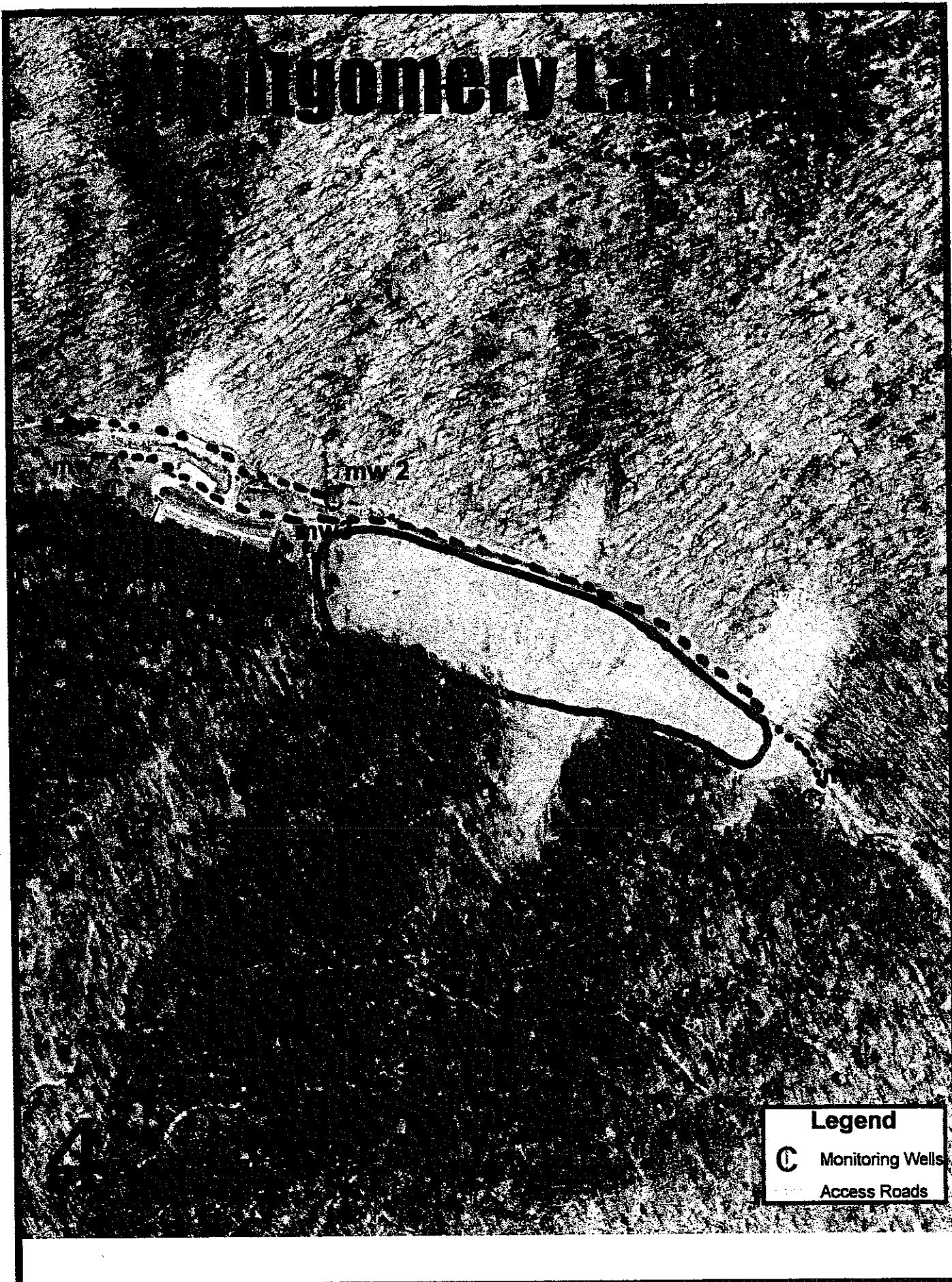
**NOTE:**

DRAWINGS ARE PROVIDED AS MAINTENANCE ACTIVITIES ONLY AND AS-BUILT PACKAGES OF PREPARED BY VARIOUS COMP TAKEN FROM THESE DRAWING BASED ON THE DRAWINGS PF





# Montgomery Land

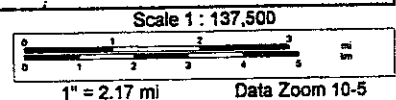
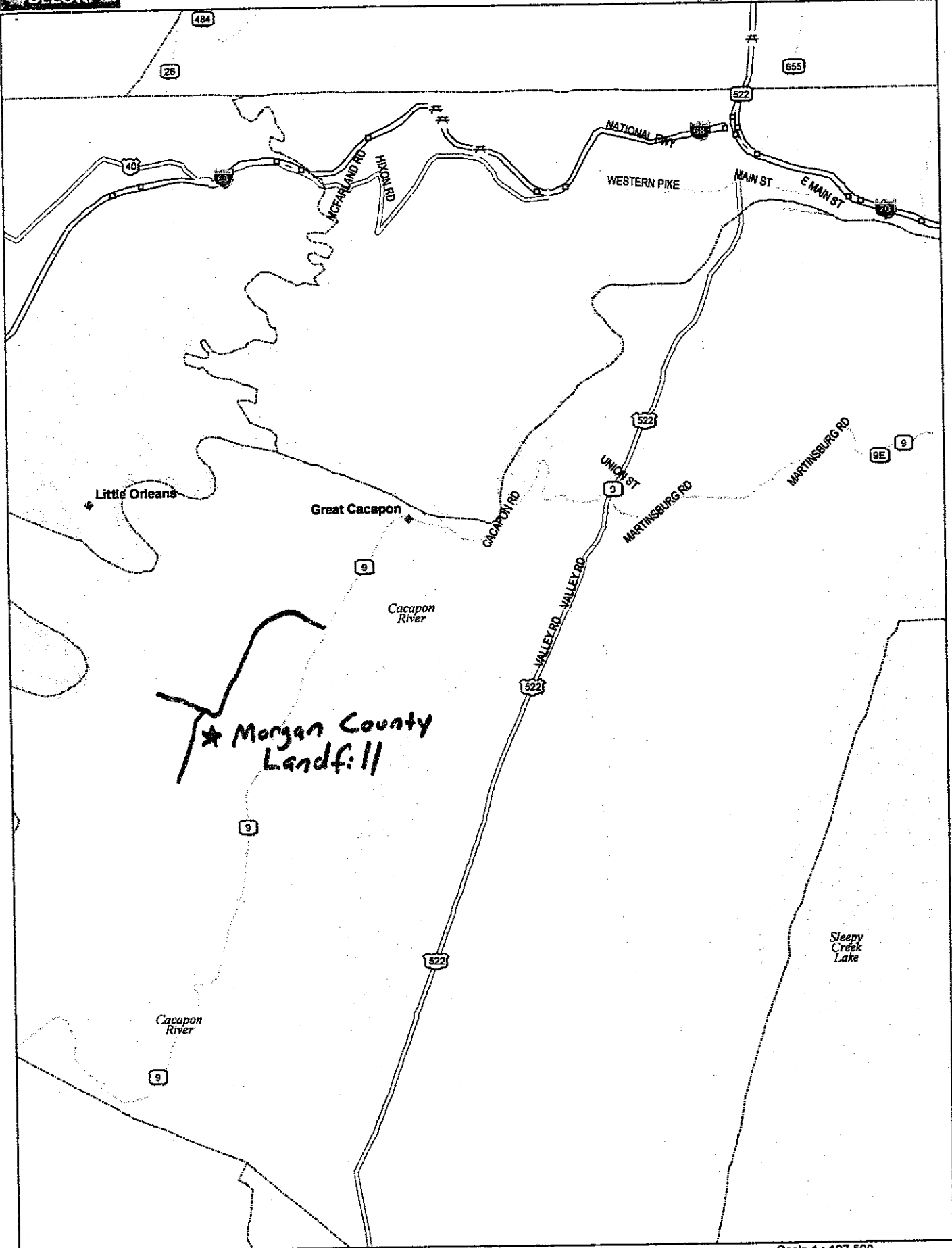


**Legend**

⊙ Monitoring Wells

--- Access Roads

———— Mow  
----- Road



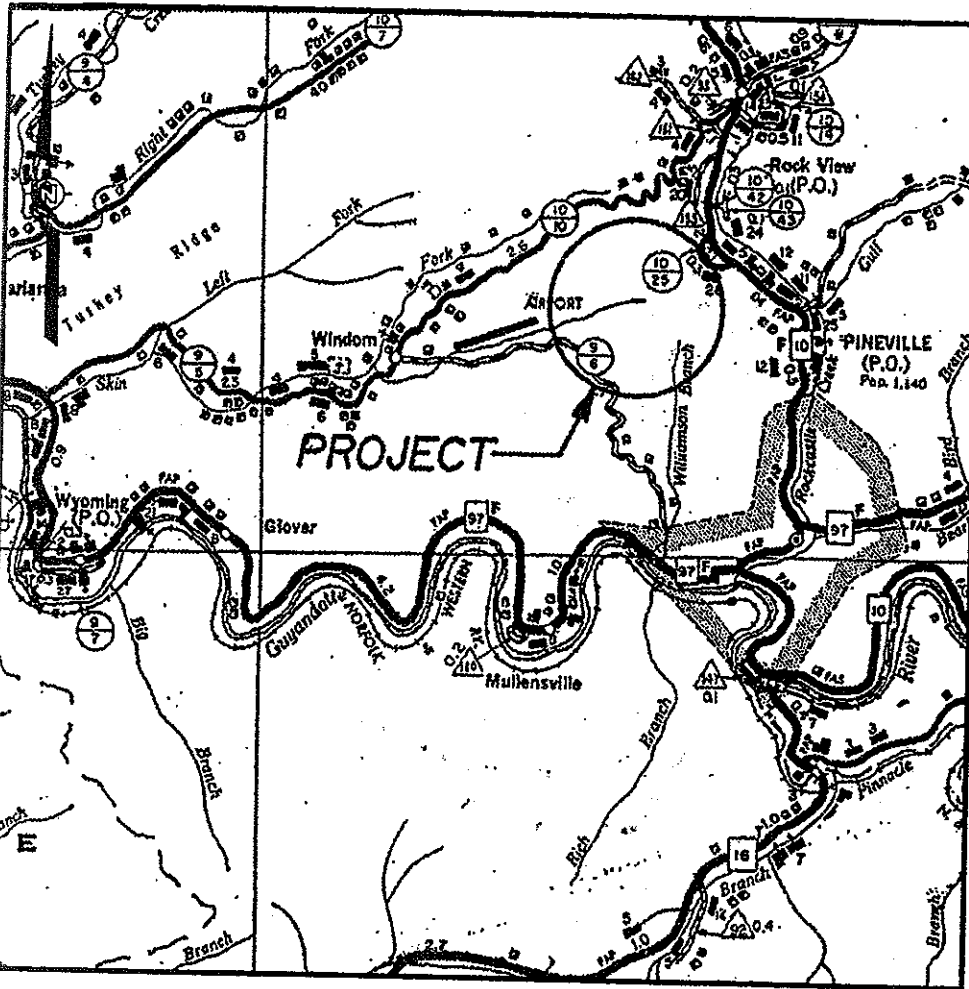


— Mow  
- - - - Road

APPROXIMATE SCALE

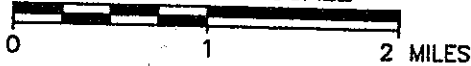


051



WYOMING COUNTY LANDFILL

APPROXIMATE SCALE



DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHARLESTON, WEST VIRGINIA

LANDFILL LOCATION MAPS  
LEACHATE COLLECTION SYSTEM MAINTENANCE

P. J. INGERSOLL	25 FEB 03	CHECKED BY	
B. A. KUMPF	25 FEB 03	APPROVED BY	
DRAWING NO.		SHEET NO.	REVISION NO.
840596-D1		C-2	B



**INTENTIONAL      BLANK      PAGE**

# REGION 3

# Kanawha Western Landfill

mw 1a

mw 2

mw s1

mw 3a

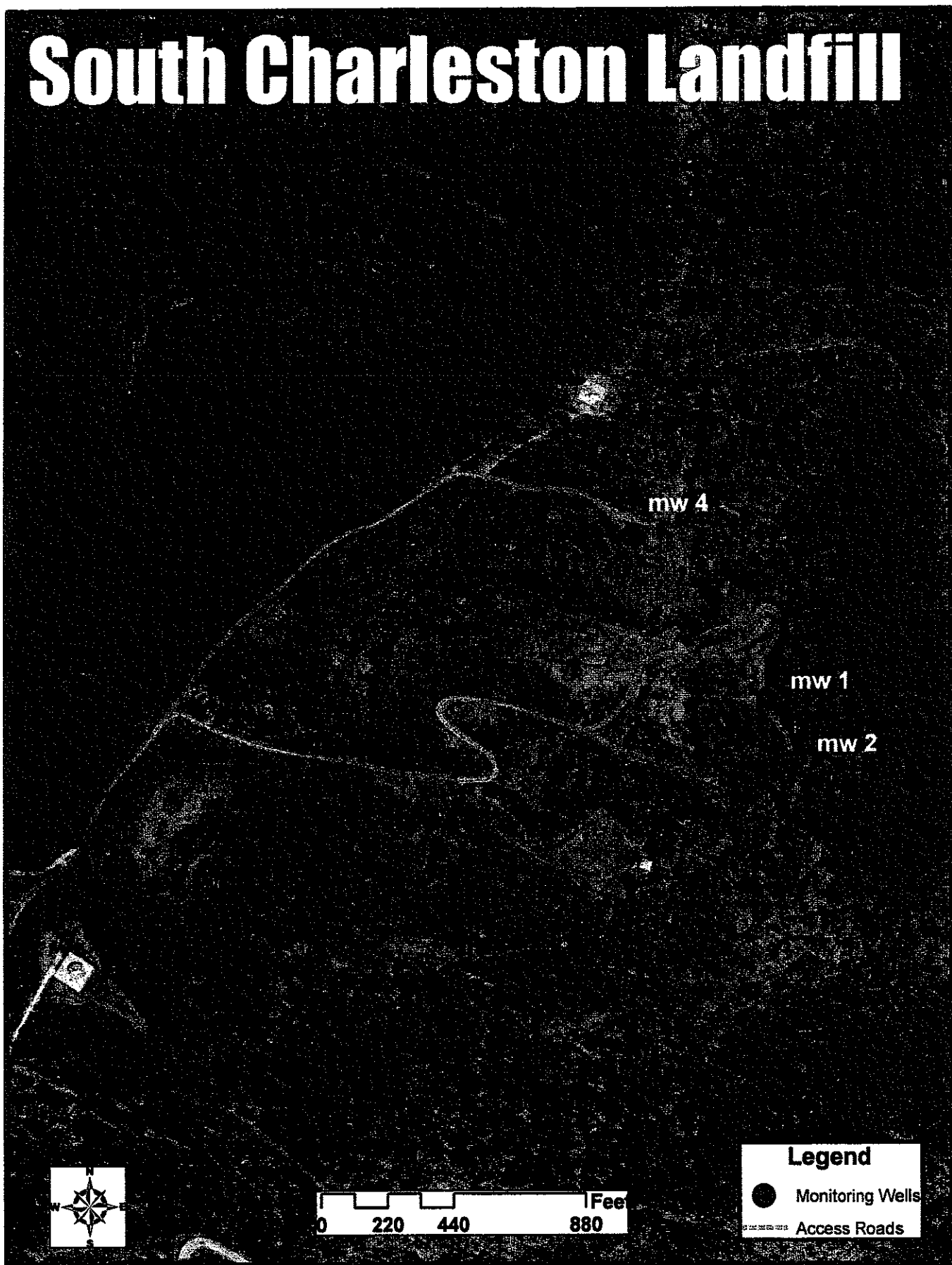


### Legend

- Monitoring Wells
- Tank
- Access Roads



# South Charleston Landfill



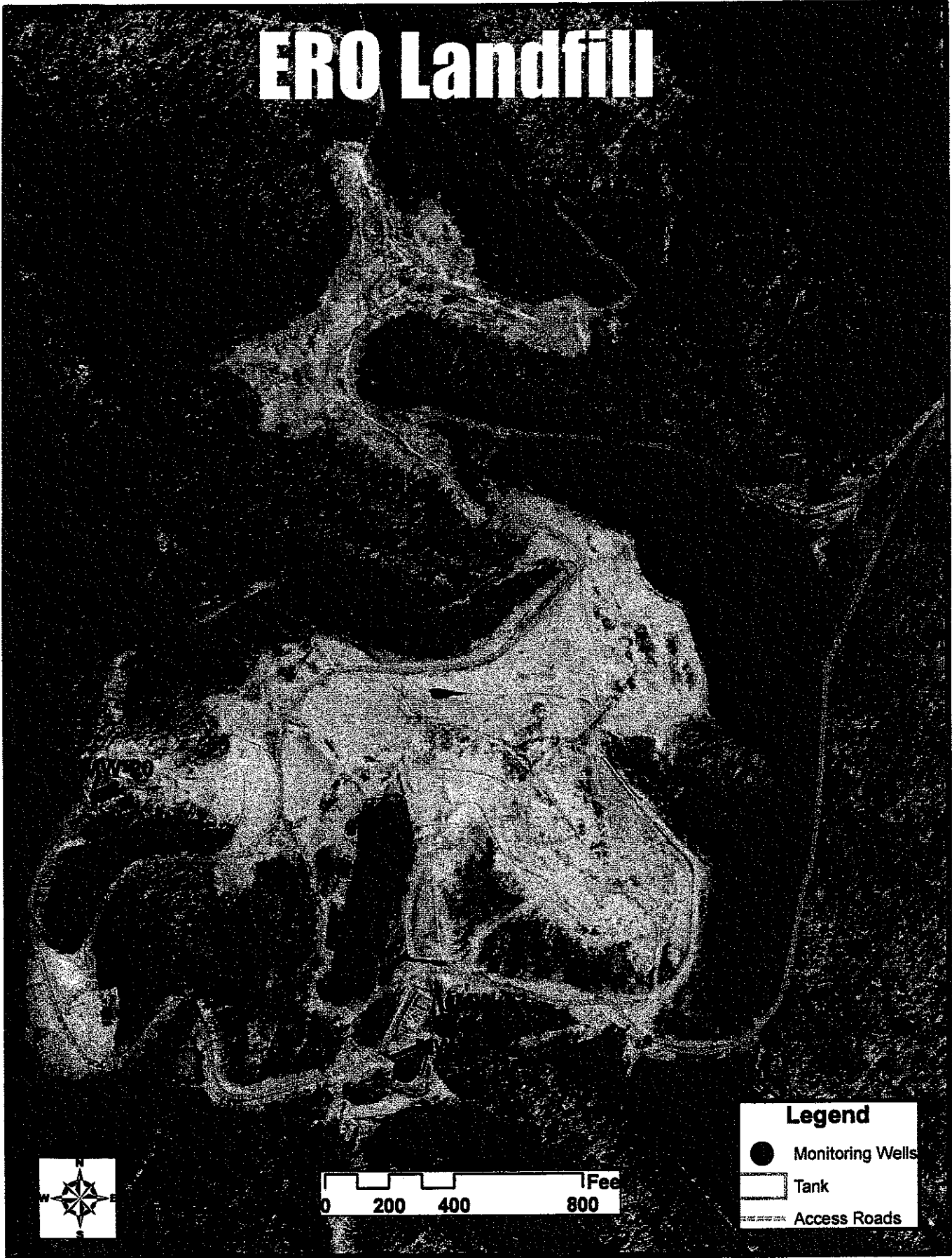
**Legend**

- Monitoring Wells
- Access Roads

0 220 440 880 Feet

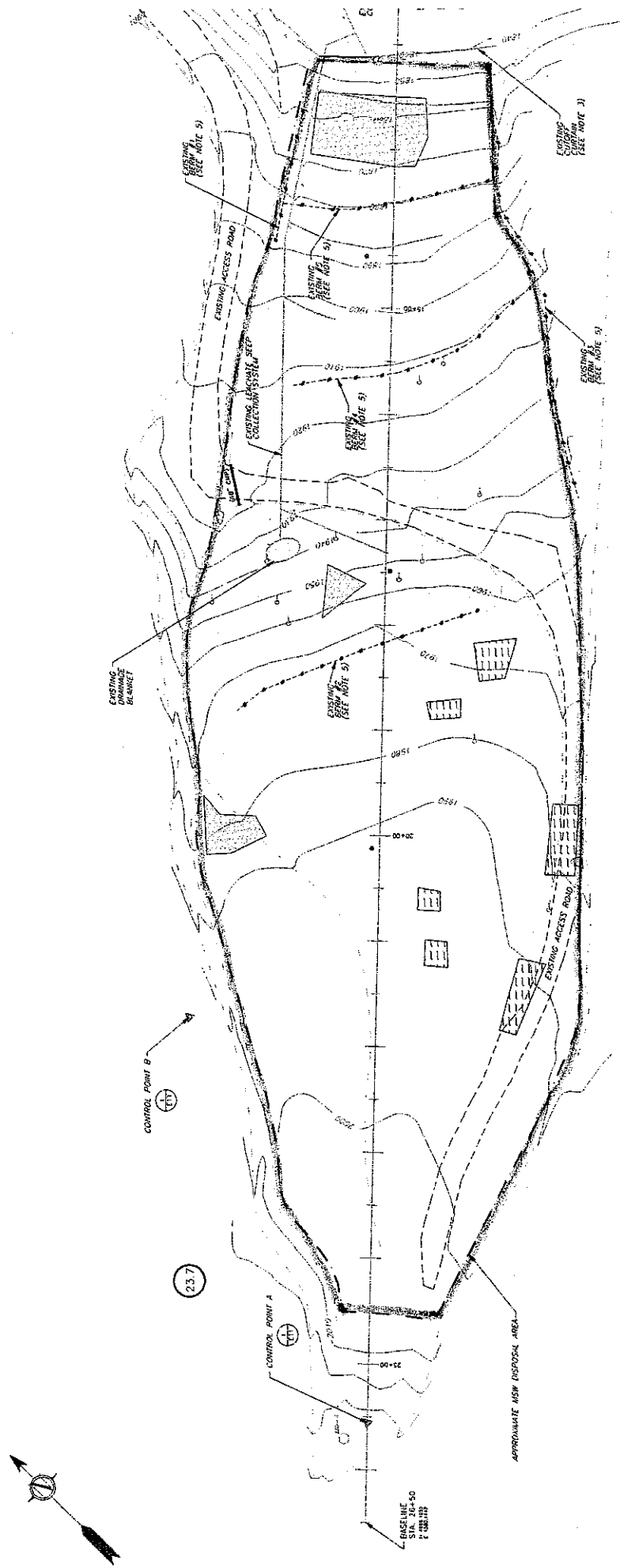


# ERO Landfill



**Legend**

- Monitoring Wells
- Tank
- Access Roads



23.7

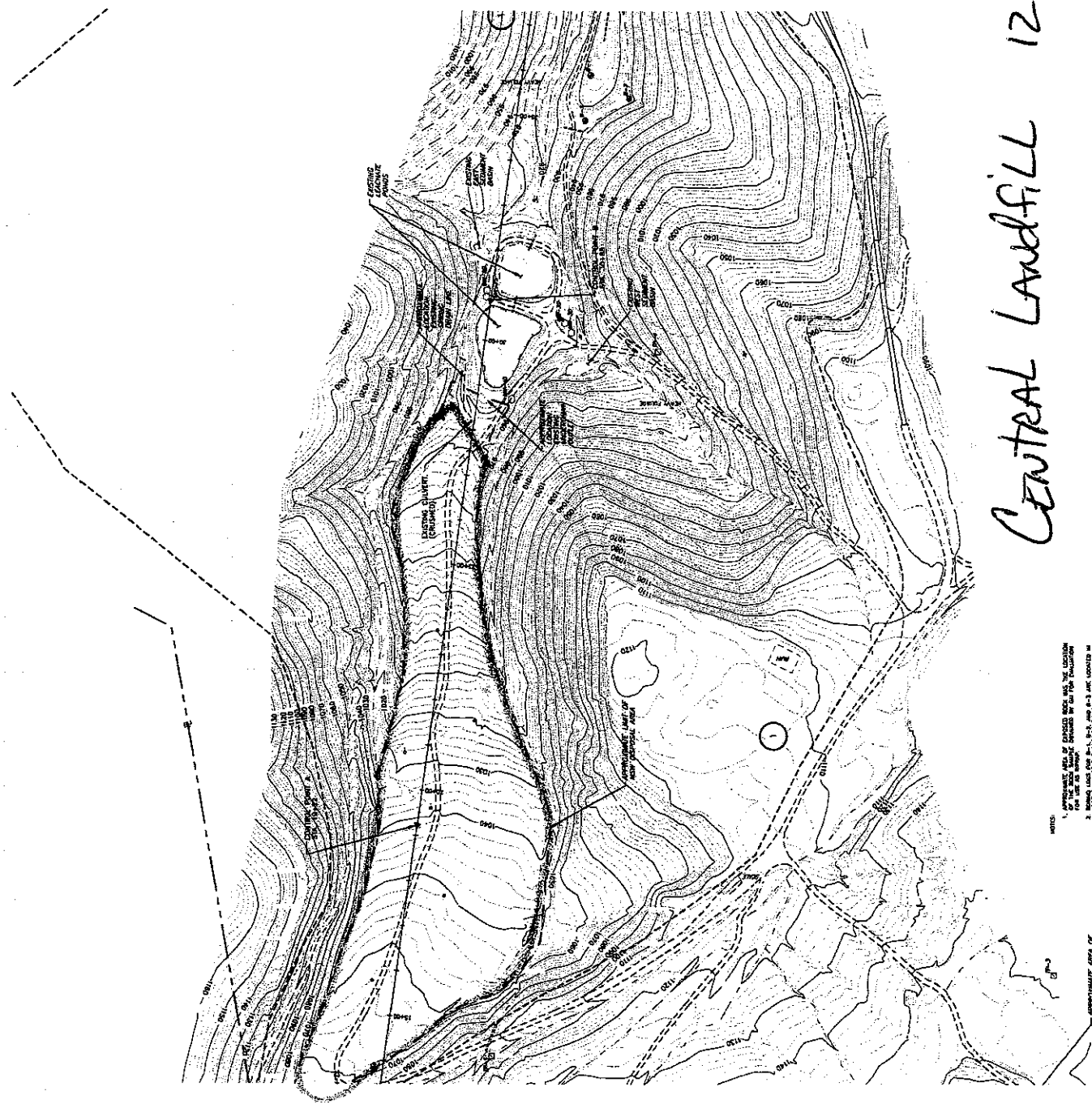
23.7

# Mingo Co. Landfill

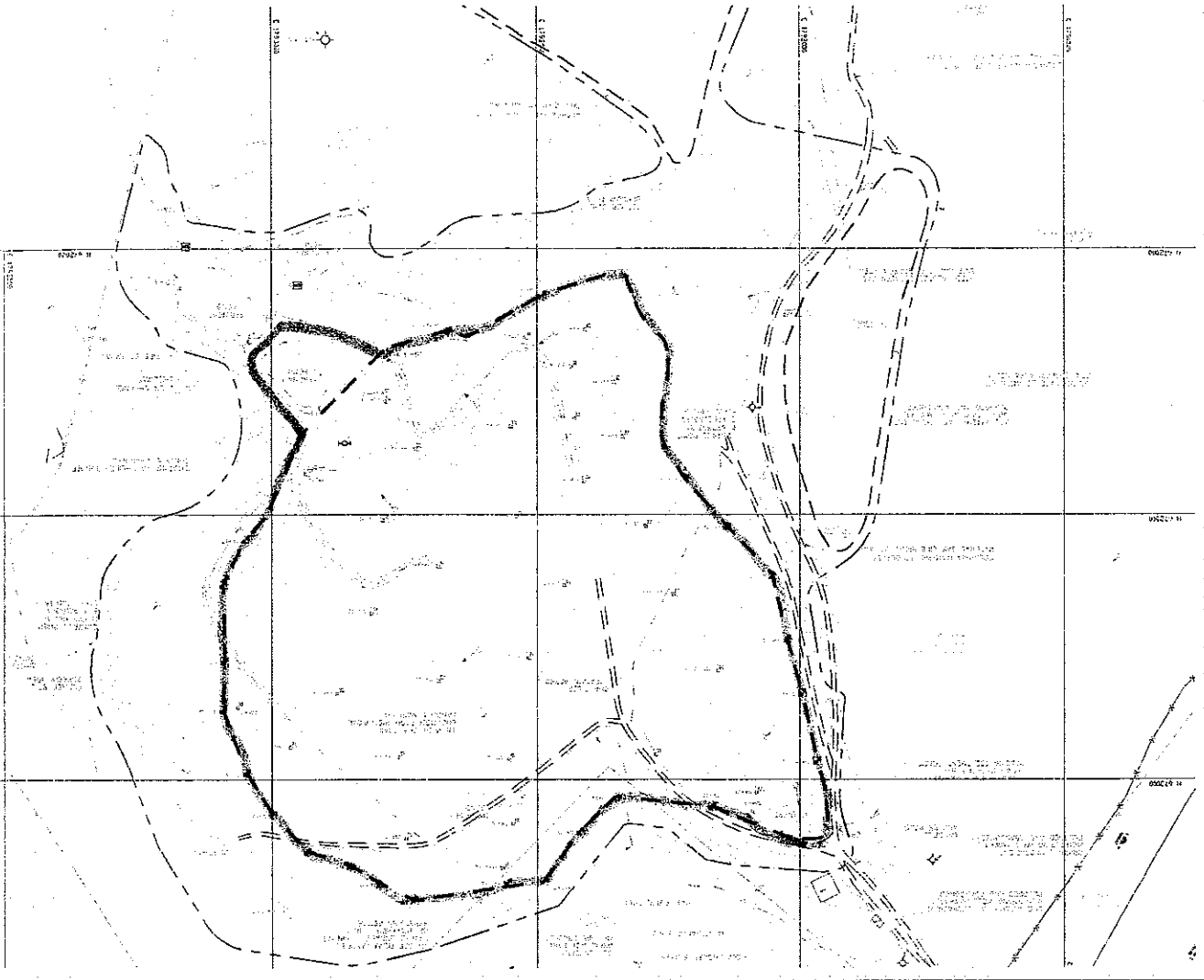
## 10 ACRES

- NOTES
1. DESIGN AS PRESENTED ON THIS PLAN IS BASED ON THE ASSUMED CONSTRUCTION CONDITIONS AS SHOWN ON THE PLAN. THE DESIGNER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE DATA PROVIDED BY THE CLIENT OR THE FIELD SURVEY AND CONSTRUCTION.
  2. NOTES TO DRAWING 87-550-1-11 FOR DESIGN, NOTES AND LEGEND.
  3. DESIGN BY: [Name], ENGINEER, INC. SCALE: 1/8" = 1'-0"
  4. CONSTRUCTION OF THIS LANDFILL SHALL BE IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION SPECIFICATIONS AND CONDITIONS OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES EXISTING ON THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES EXISTING ON THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES EXISTING ON THE SITE.
  5. THE PLAN IS BASED ON THE ASSUMED CONSTRUCTION CONDITIONS AS SHOWN ON THE PLAN. THE DESIGNER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE DATA PROVIDED BY THE CLIENT OR THE FIELD SURVEY AND CONSTRUCTION.

# Central Landfill 12 ACRES



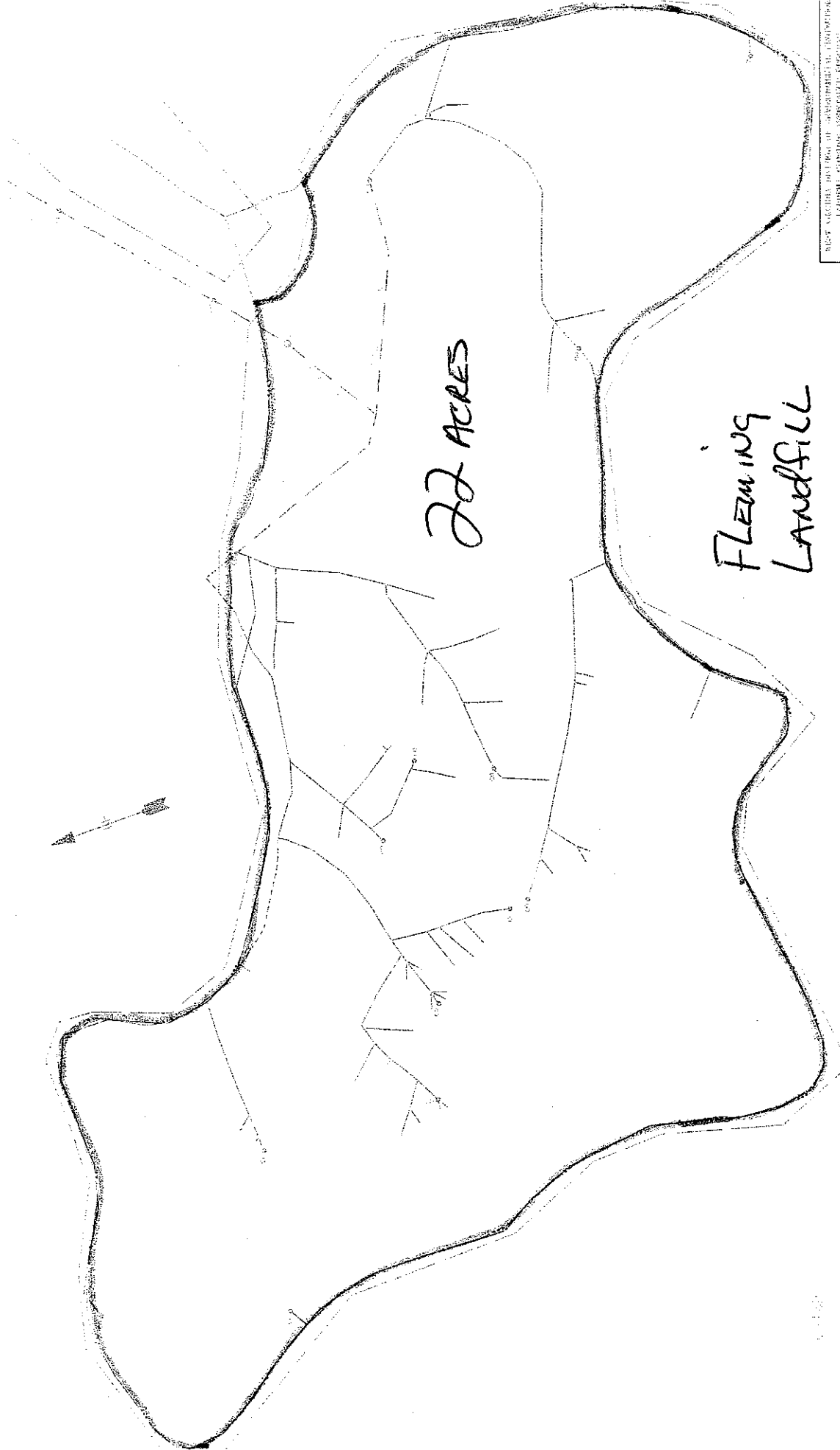
NOTES:  
 1. THE MAP IS A GENERAL MAP AND NOT A SURVEY MAP.  
 2. THE MAP IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PREPARED.  
 3. THE MAP IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PREPARED.



JACKSON CO. LANDFILL

23 ACRES





77 ACRES

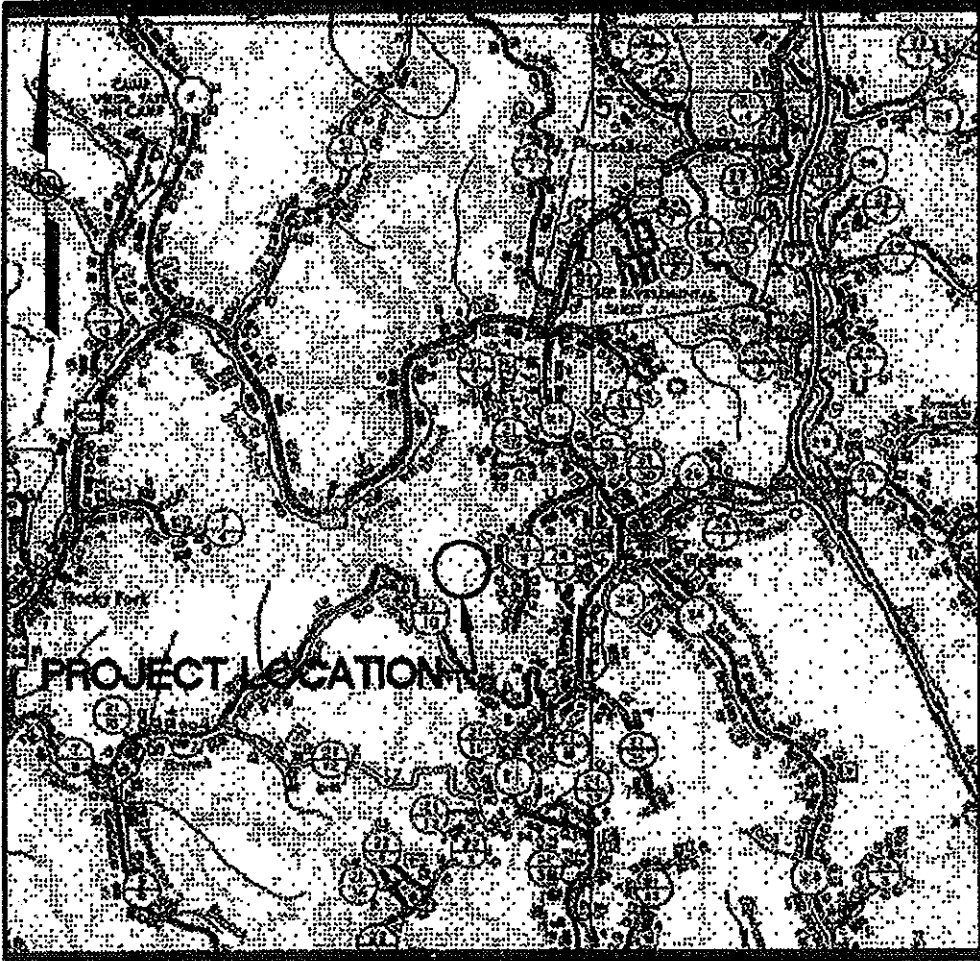
FLEMING  
LANDFILL

DATE: 11/10/80  
 DRAWN BY: [Signature]  
 SCALE: 1" = 50'

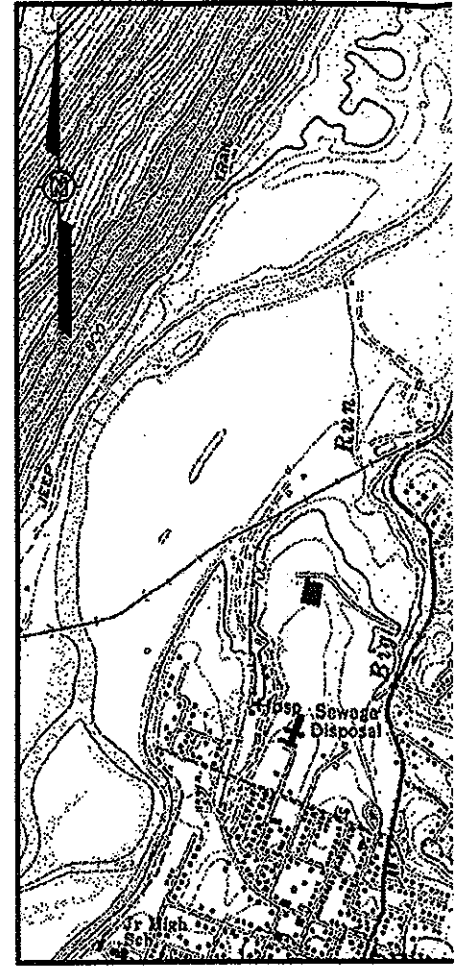
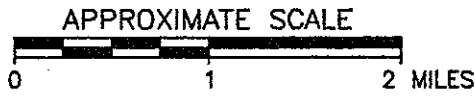
WEST VIRGINIA INSTITUTE OF TECHNOLOGICAL SURVEYING  
 LEONARDI, FLEMING, AND PARTI ENGINEERS  
 1000 UNIVERSITY AVENUE, S.W.  
 CHARLOTTE, N.C. 28202

DATE: 11/10/80  
 DRAWN BY: [Signature]

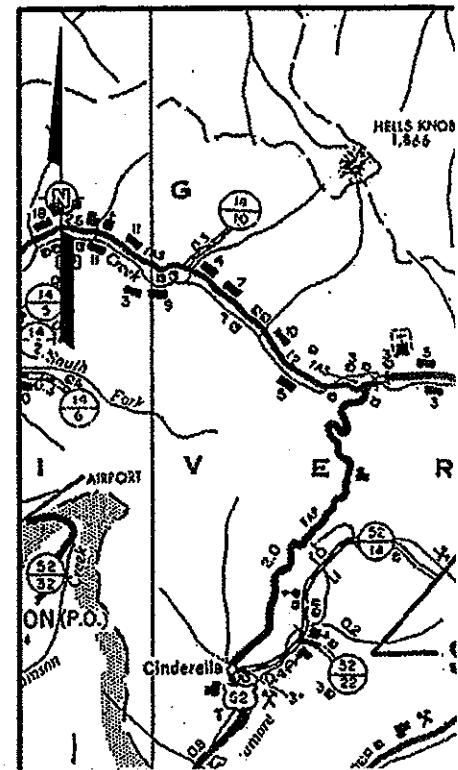
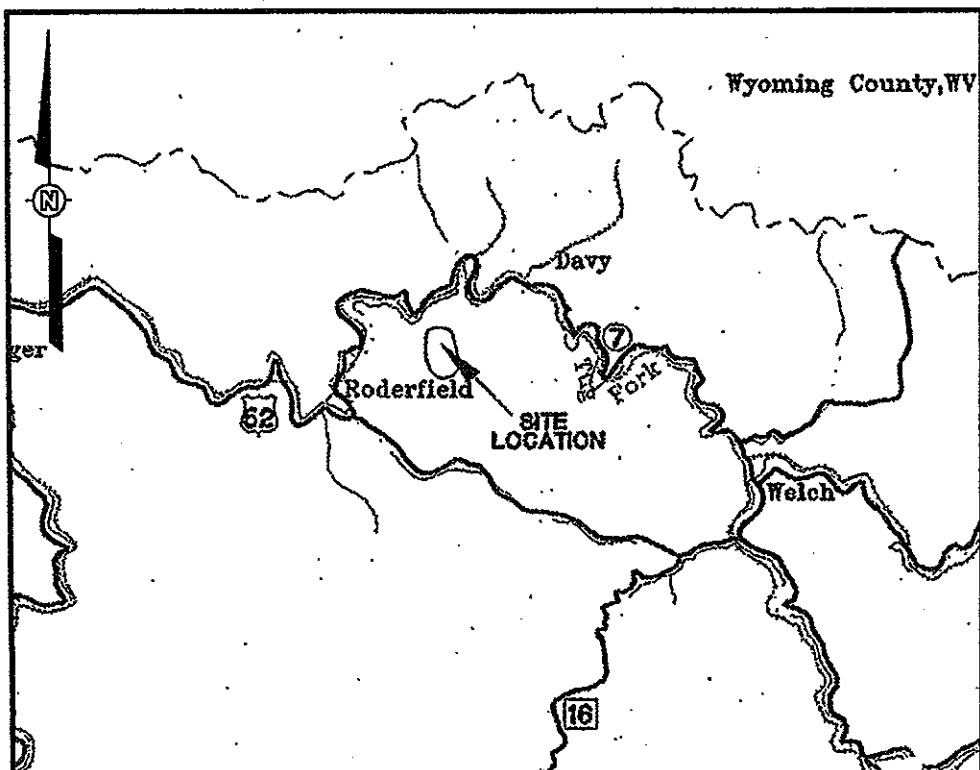
W. I. T. ASSOCIATES, P.C.  
 1000 UNIVERSITY AVENUE, S.W.  
 CHARLOTTE, N.C. 28202



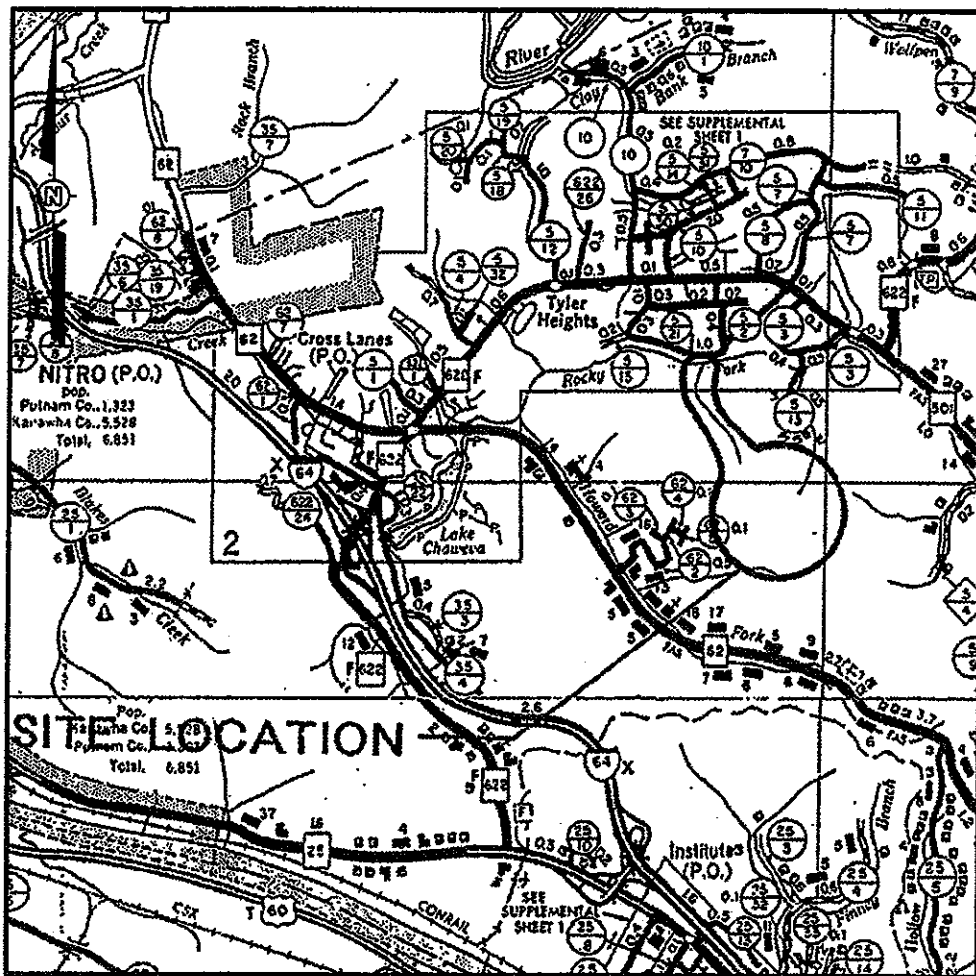
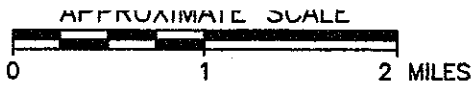
### FLEMING LANDFILL



### HAMPSHIRE

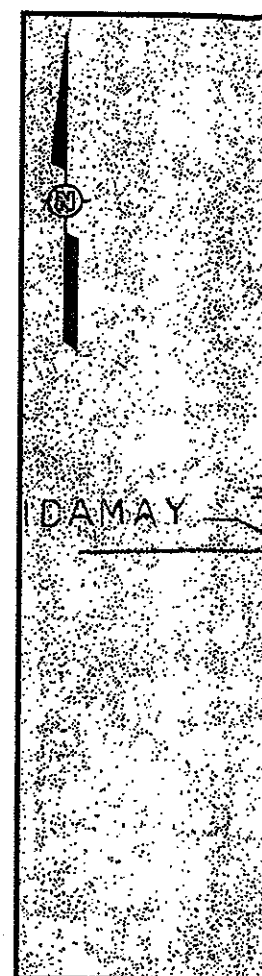
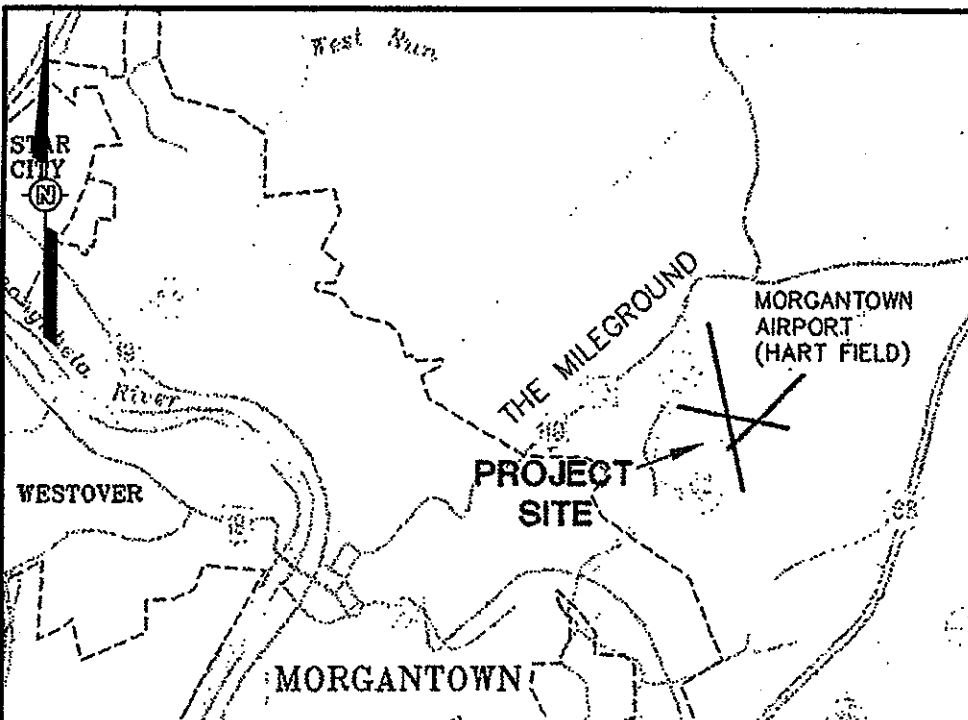
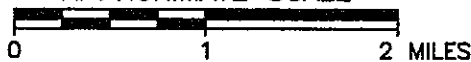






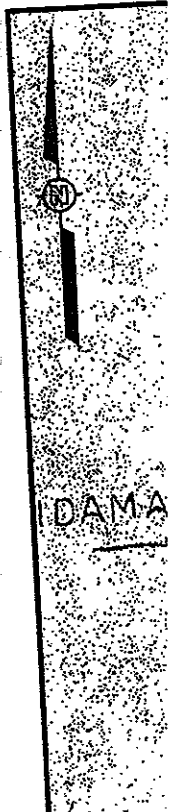
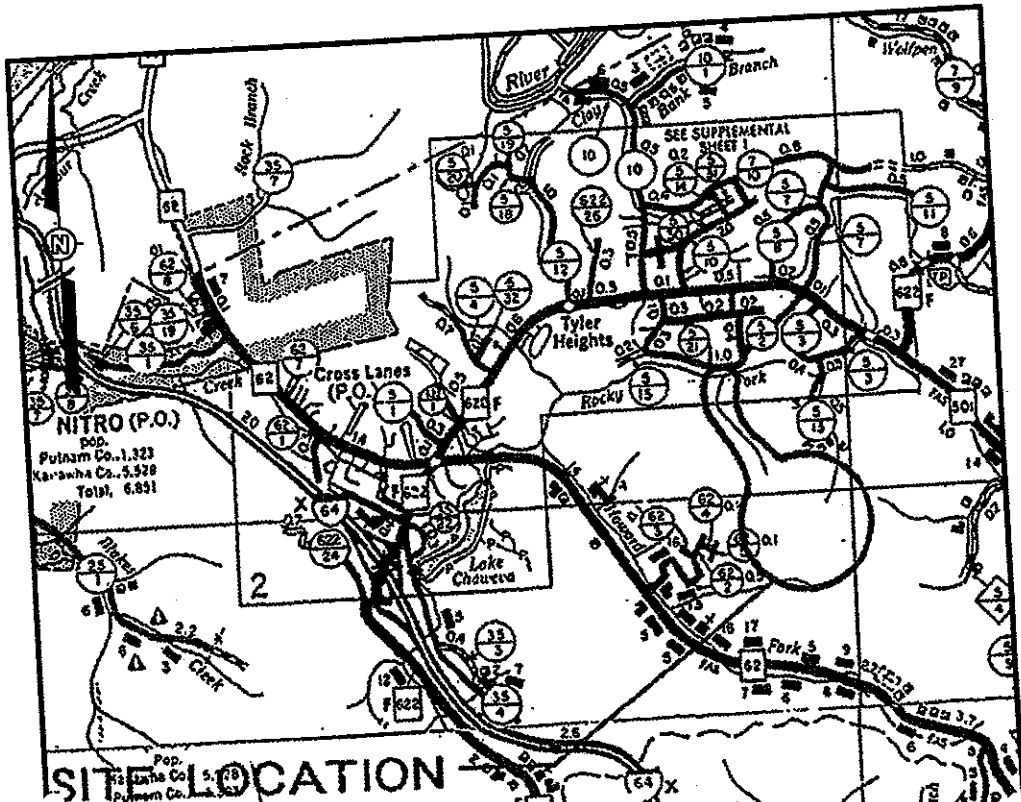
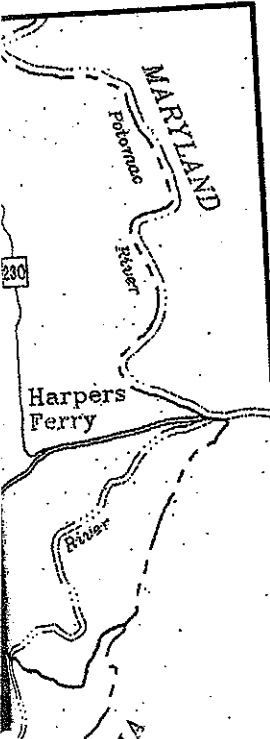
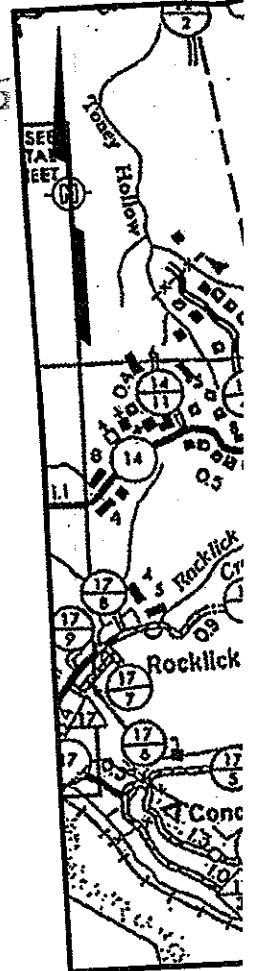
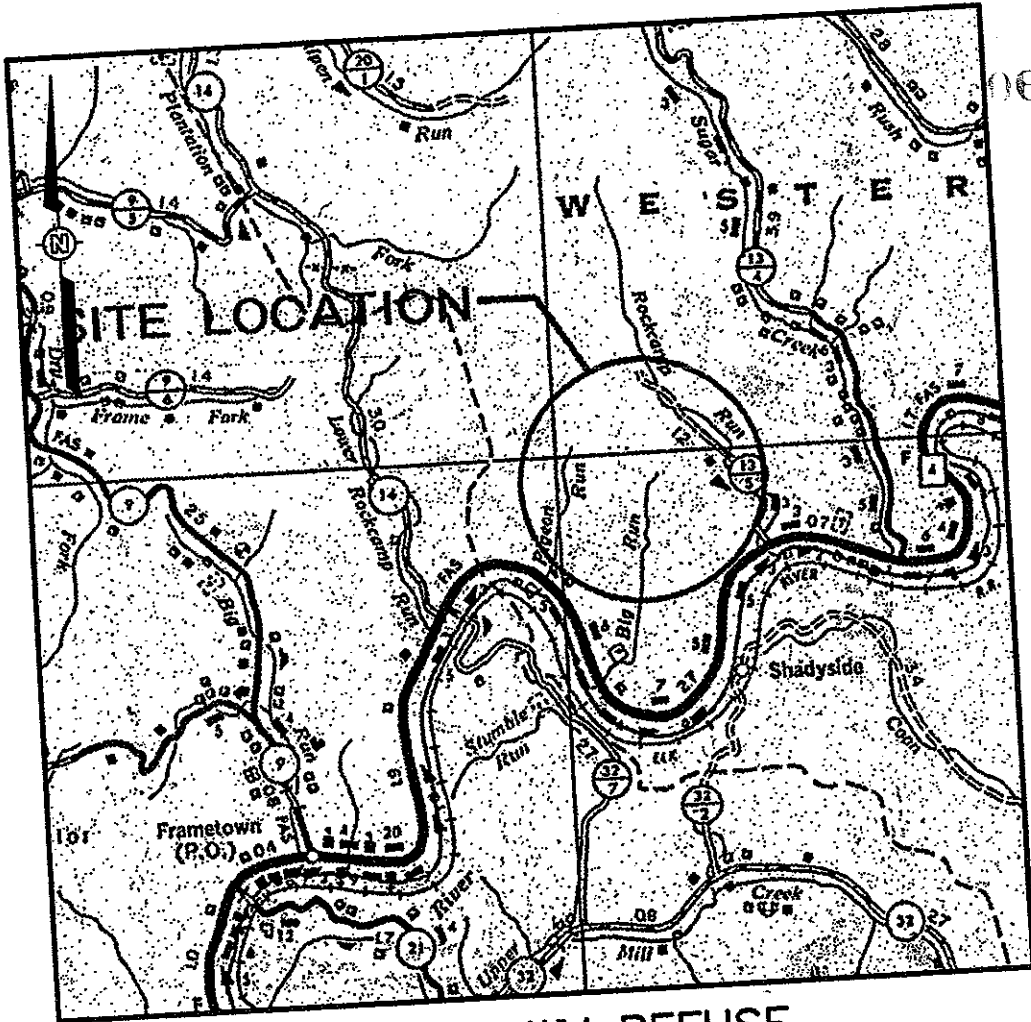
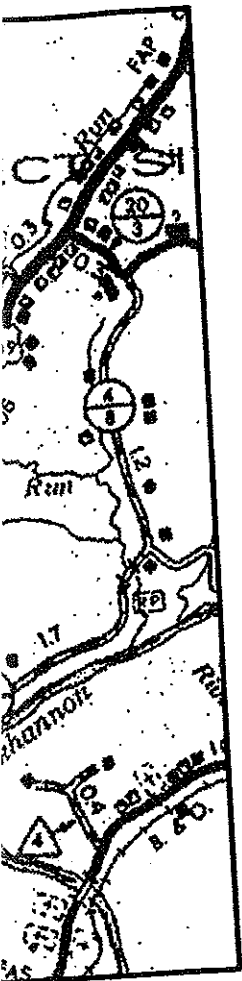
**KANAWHA WESTERN LANDFILL**

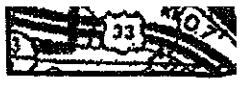
APPROXIMATE SCALE



MAI

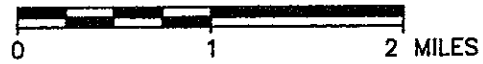




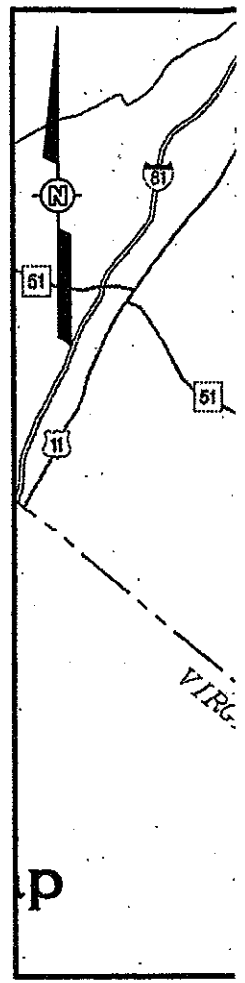
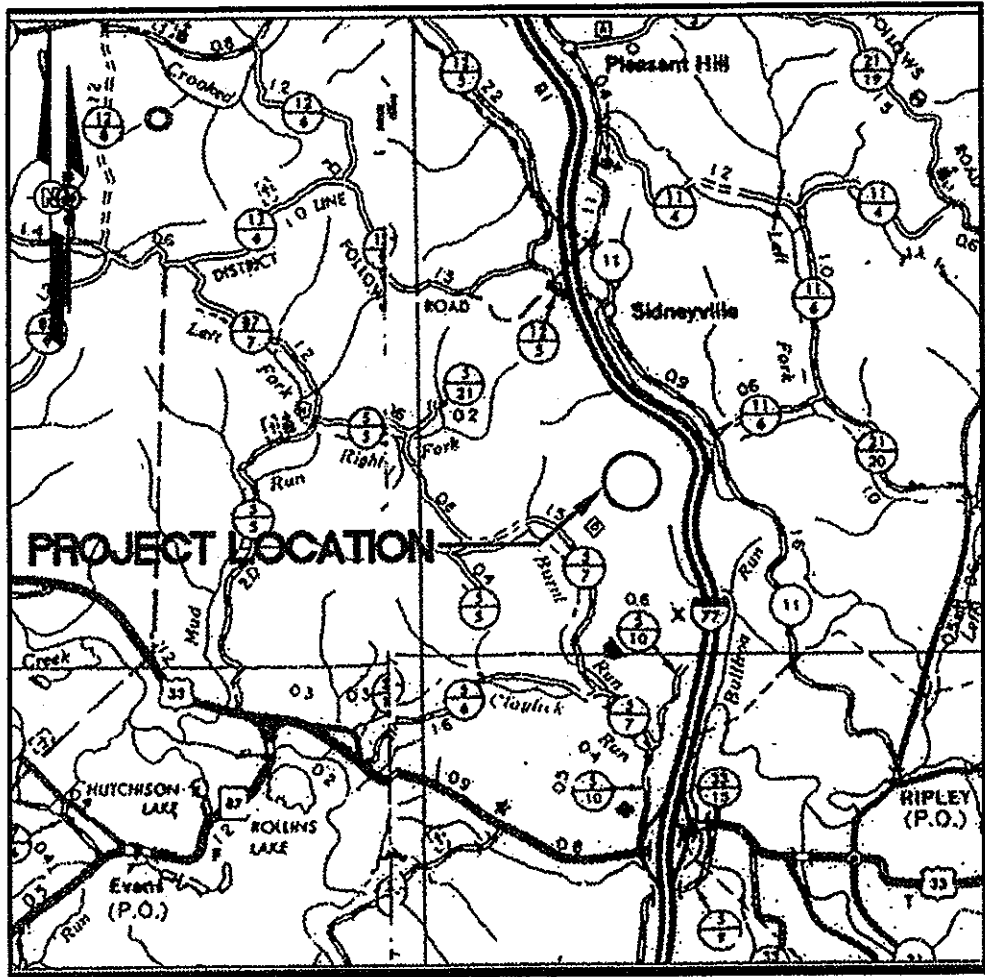


# BERKELEY COUNTY LANDFILL

APPROXIMATE SCALE



066

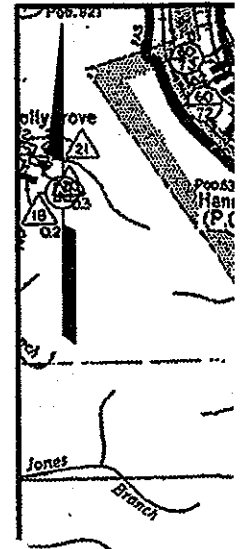


# JACKSON COUNTY LANDFILL

APPROXIMATE SCALE



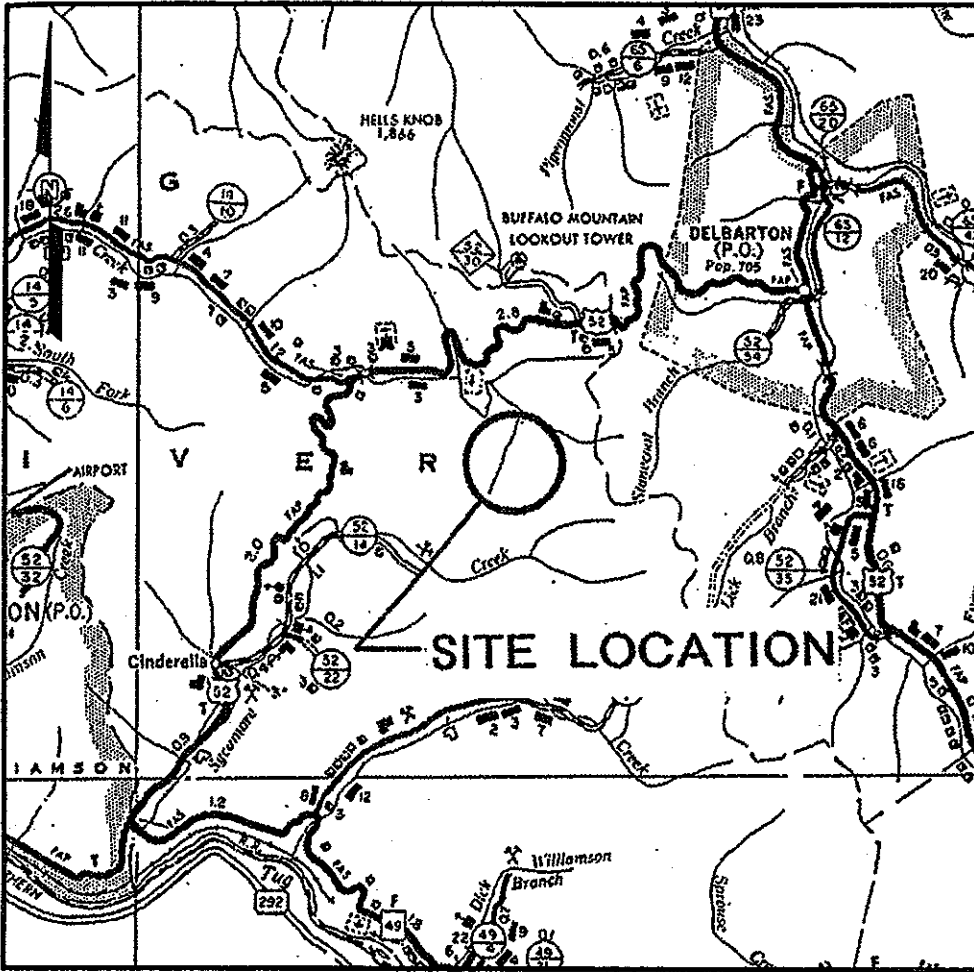
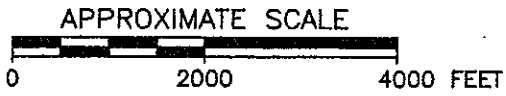
JEF



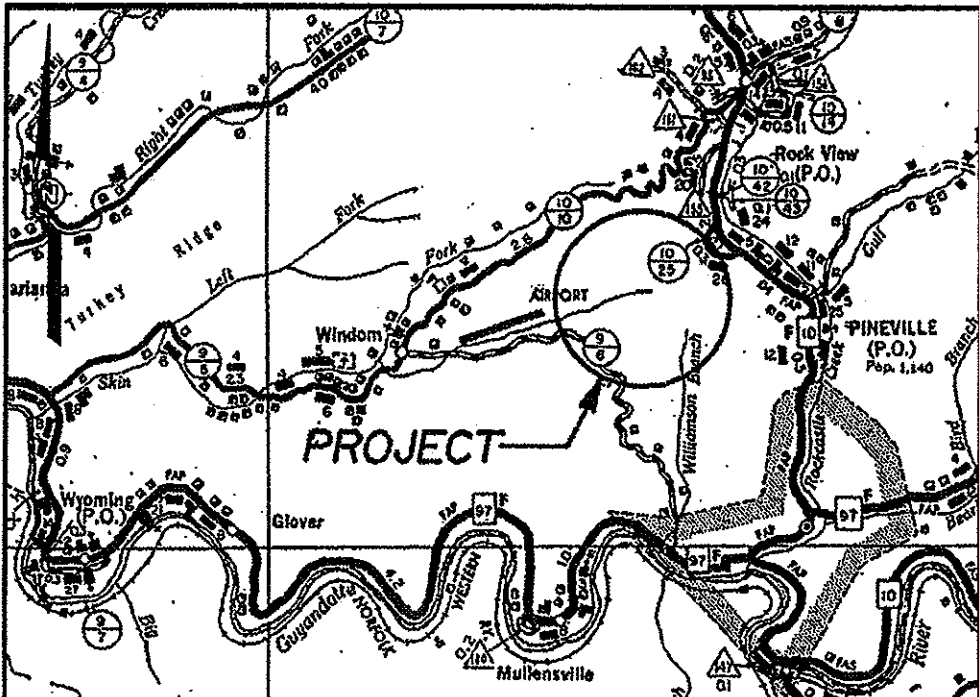
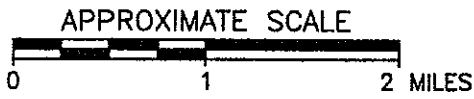
VERIFY SCALE 1"

C

B



**MINGO COUNTY LANDFILL**



067

C

B